

FIG. 1

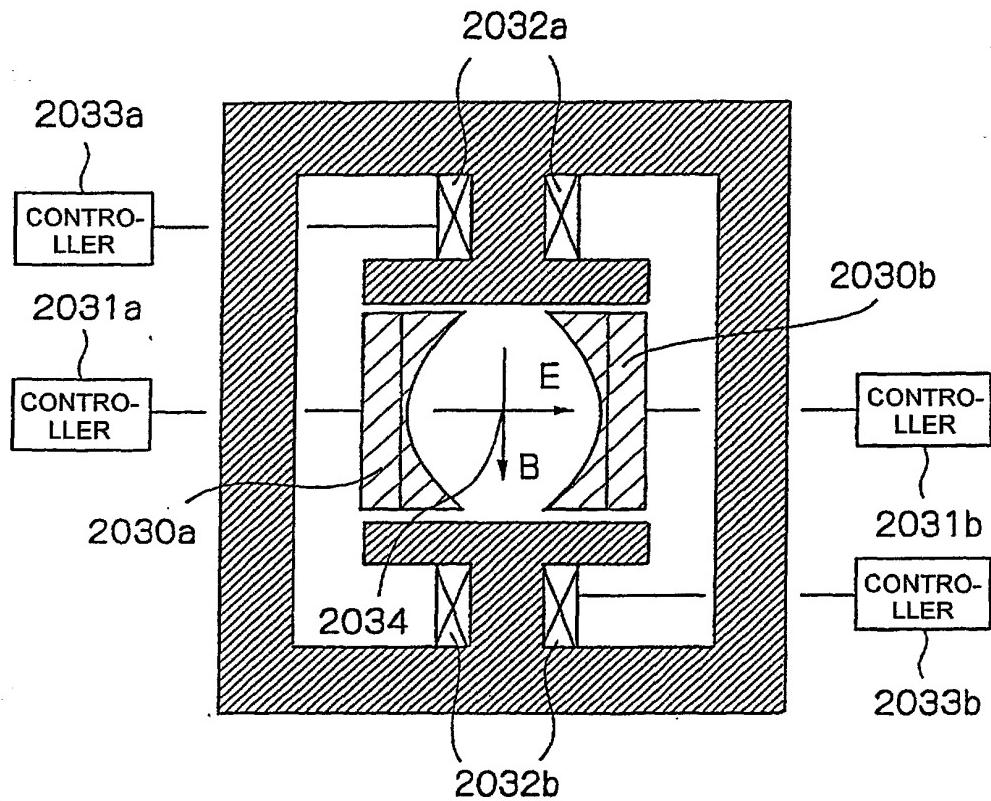


FIG. 2 (a)

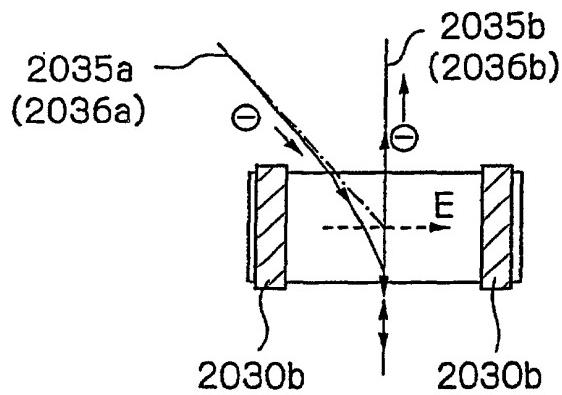


FIG. 2 (b)

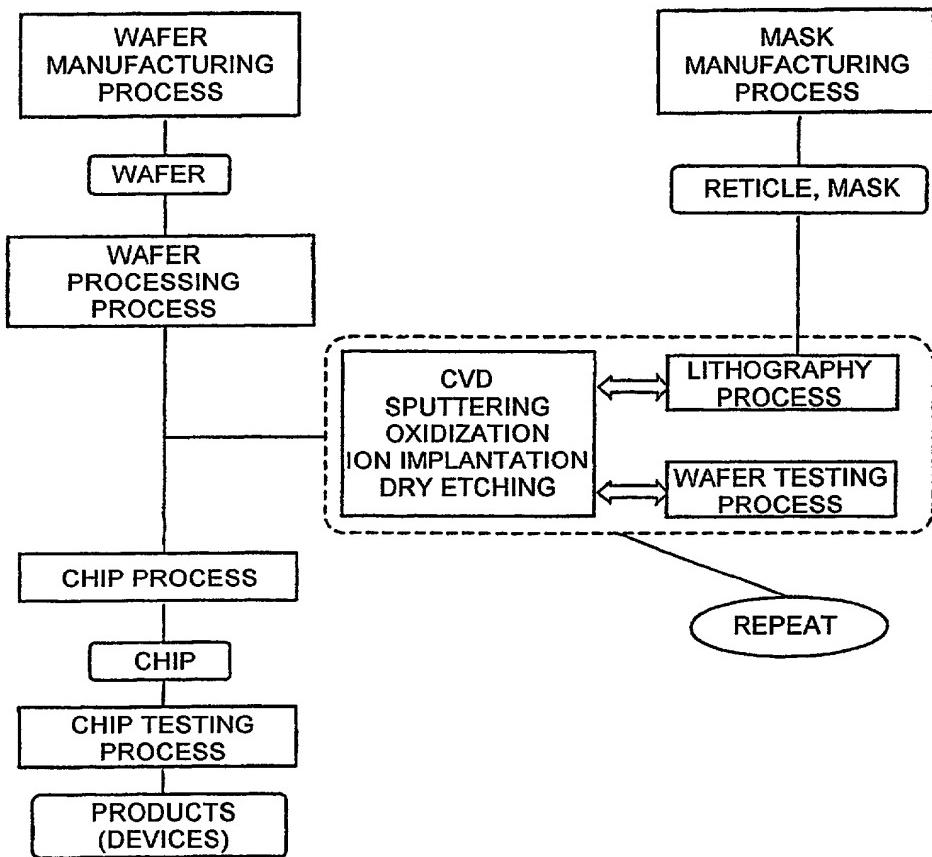


FIG. 3

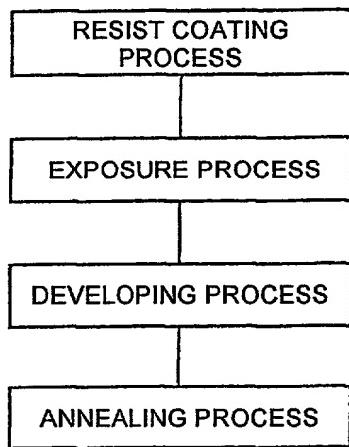


FIG. 4(a)

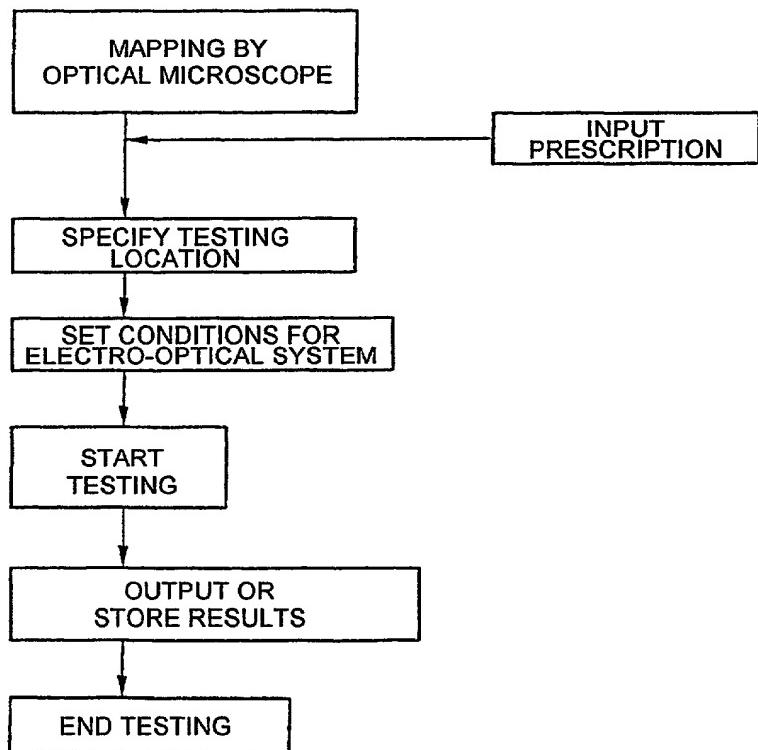


FIG. 4(b)

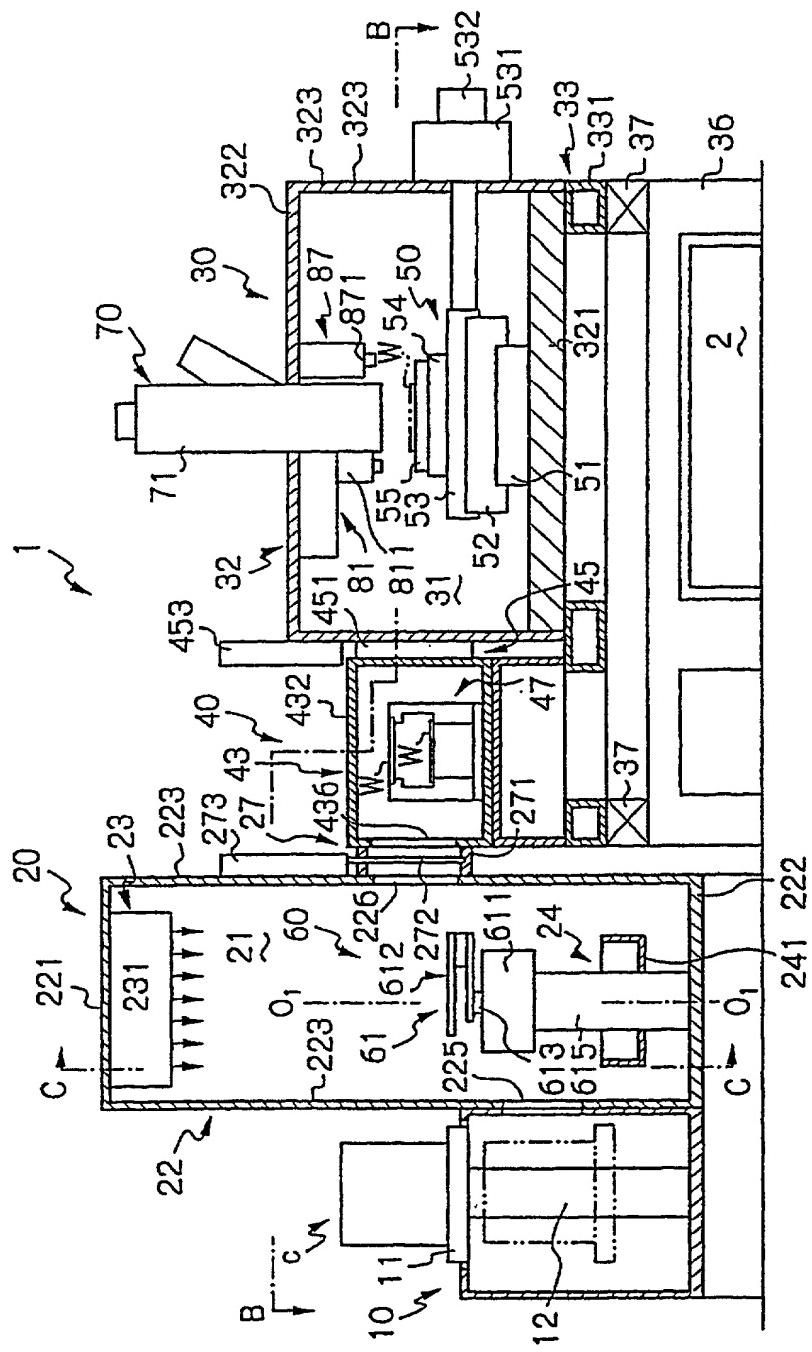


FIG. 5

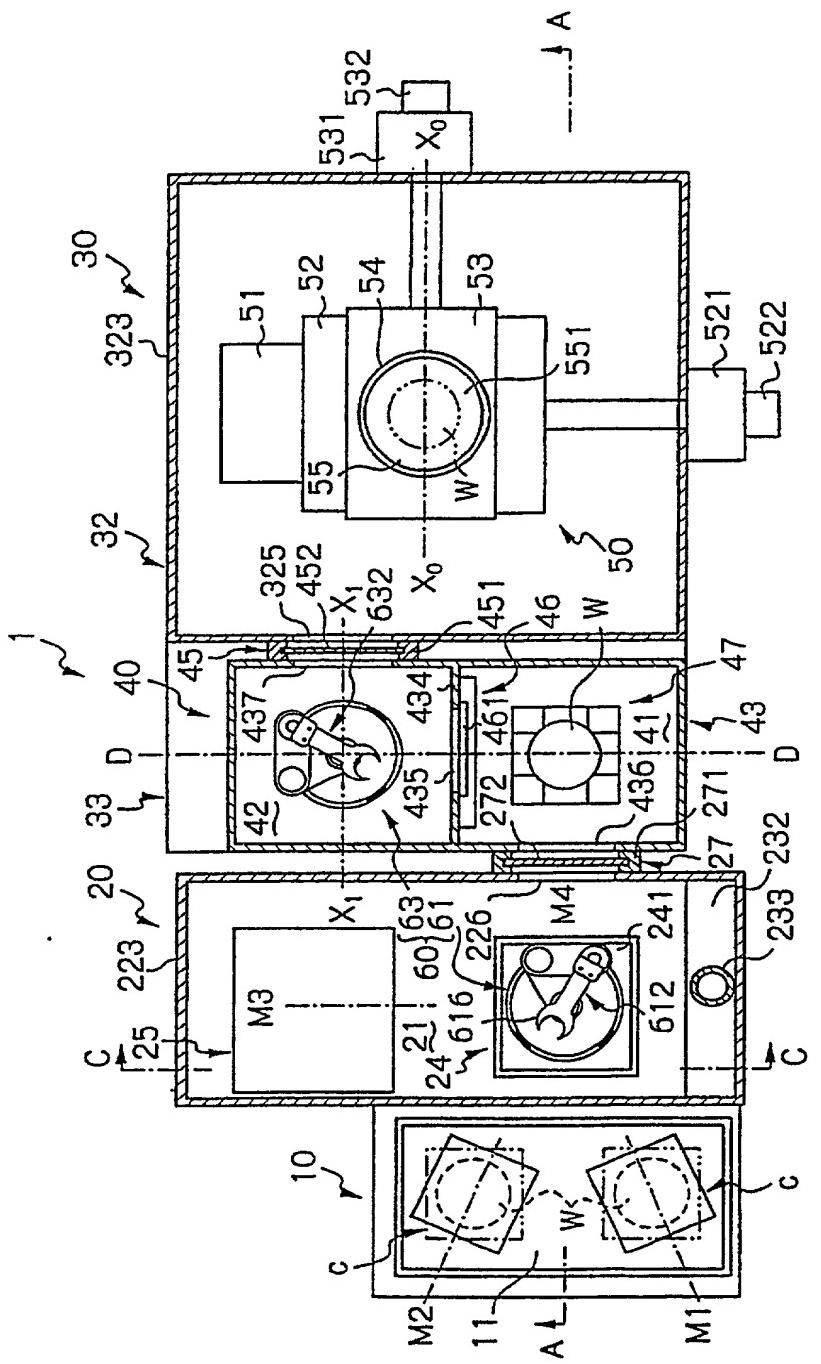


FIG. 6(a)

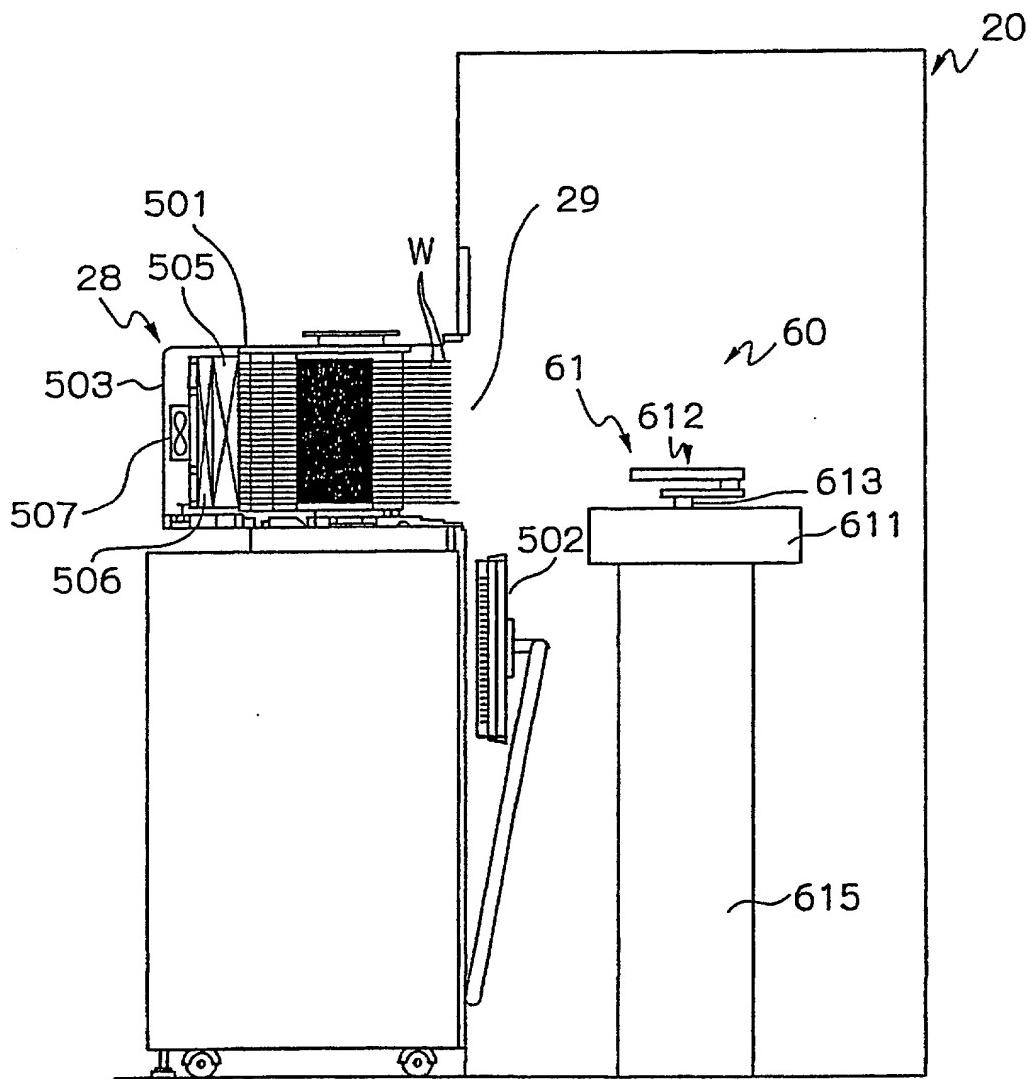
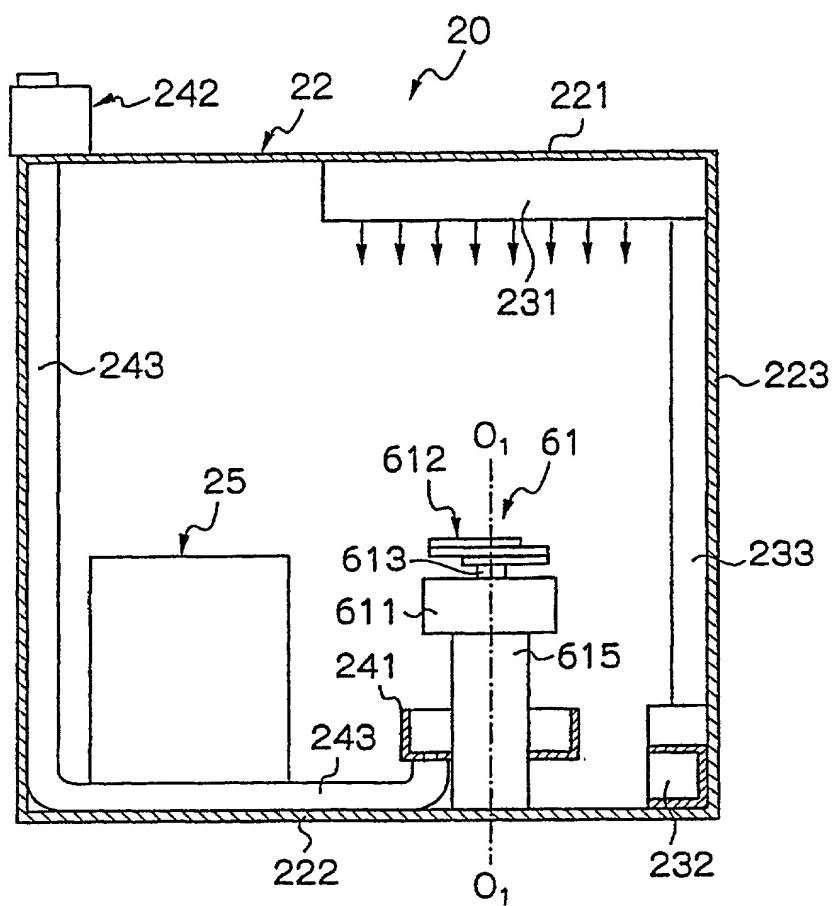


FIG. 6(b)



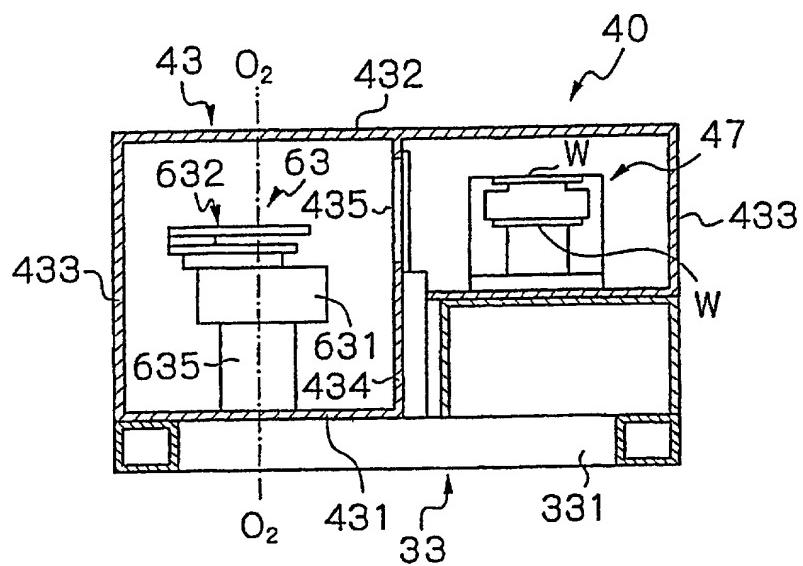


FIG. 8

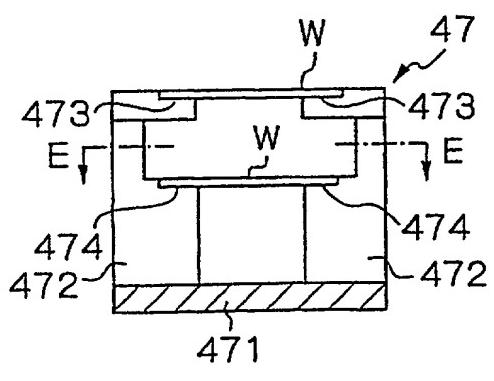


FIG. 9 [A]

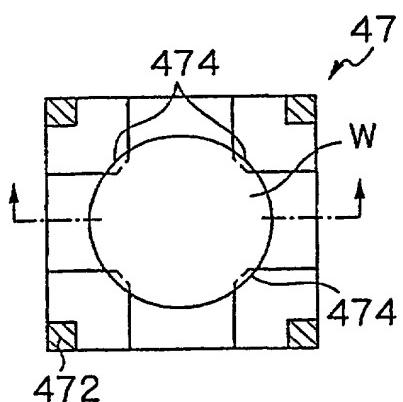


FIG. 9 [B]

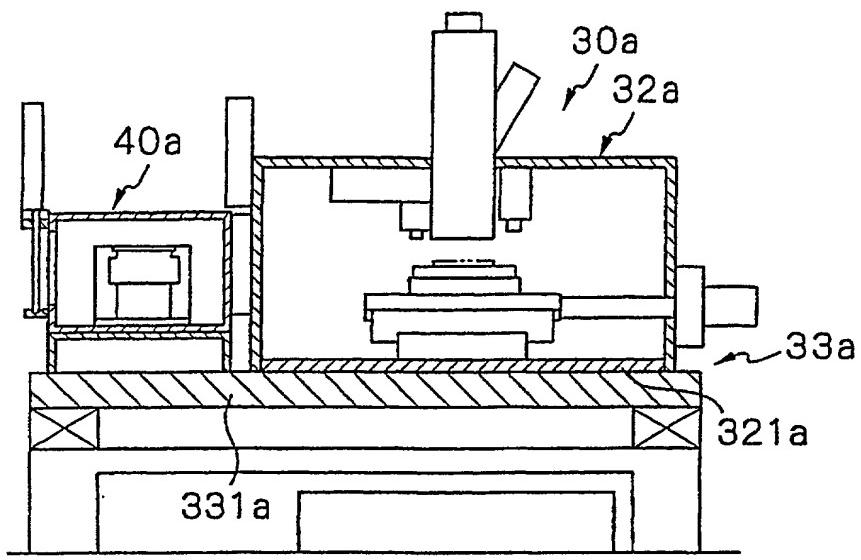


FIG. 10 [A]

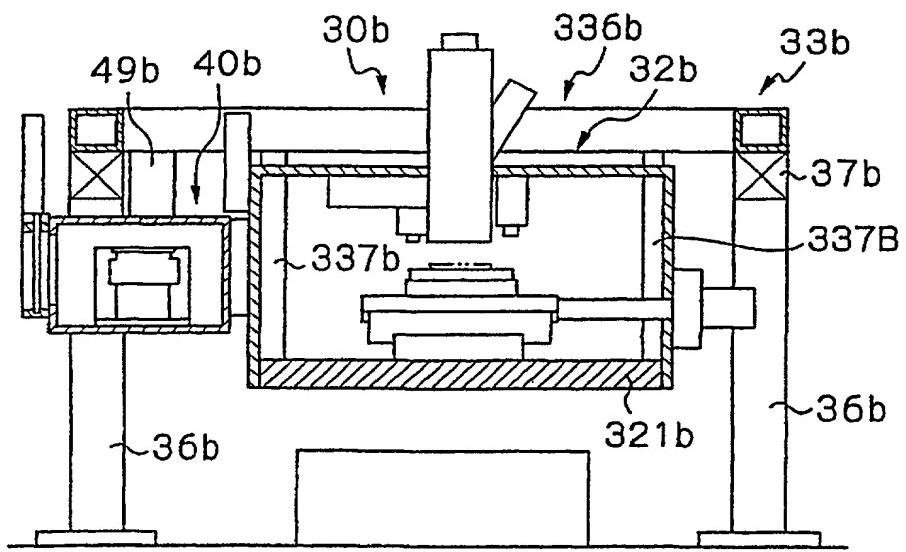


FIG. 10 [B]

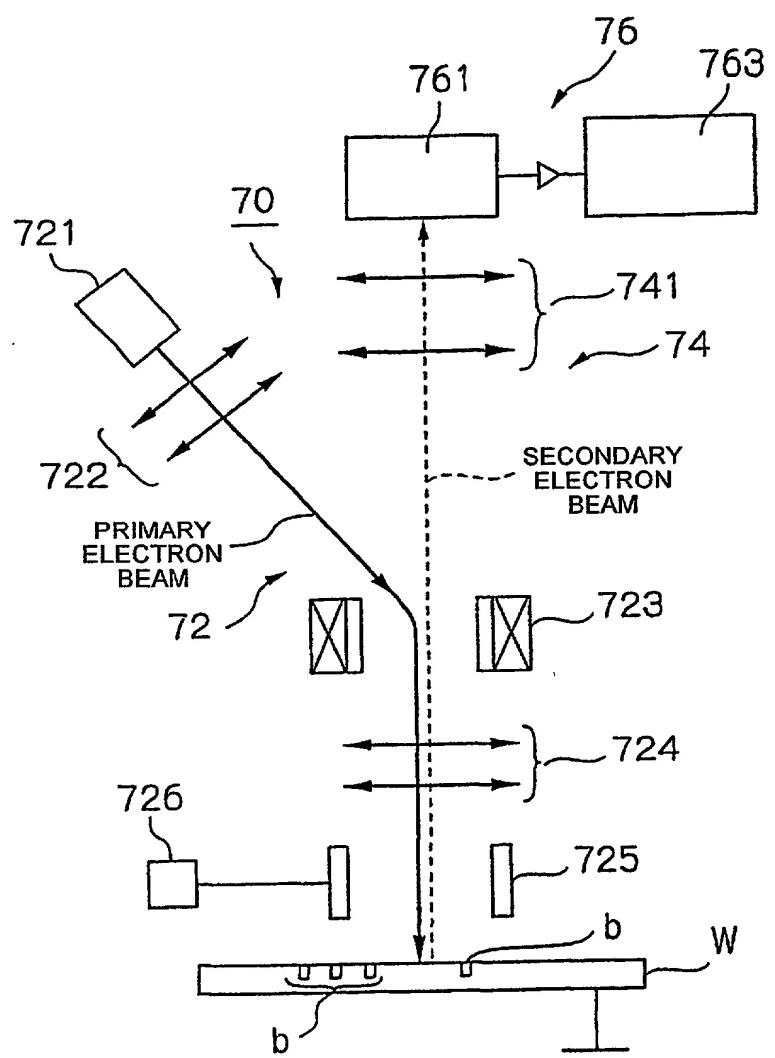


FIG. 11

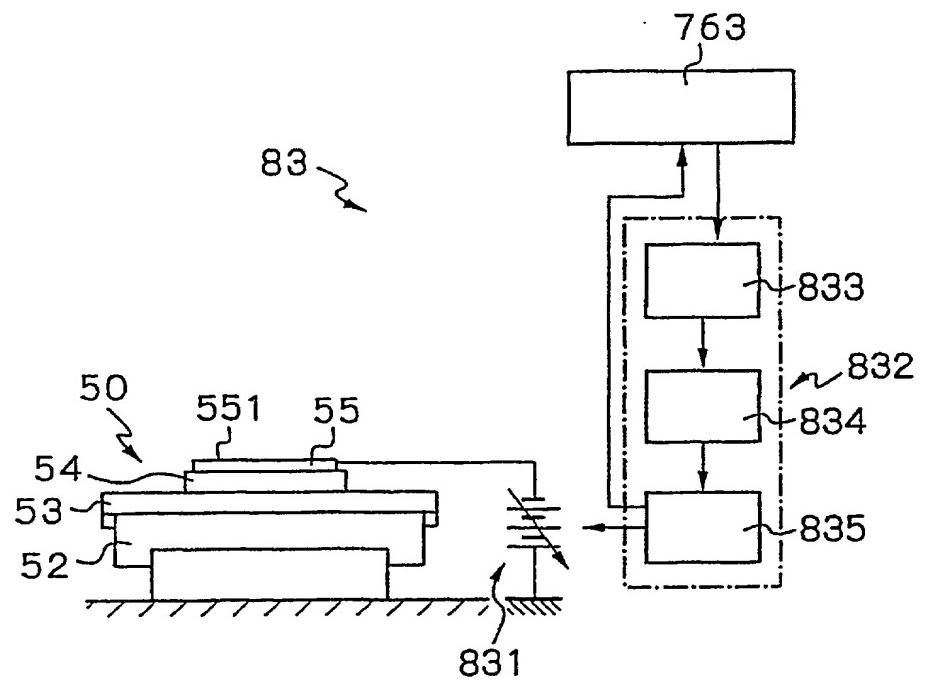


FIG. 12

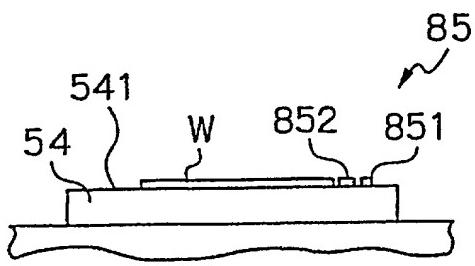


FIG. 13 [A]

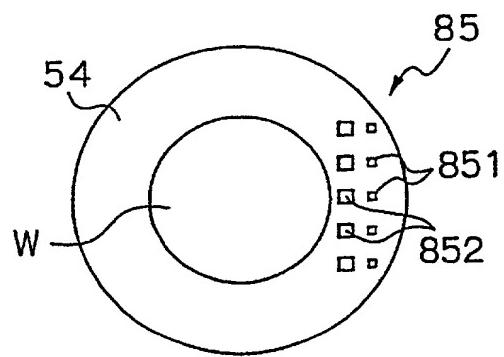


FIG. 13 [B]

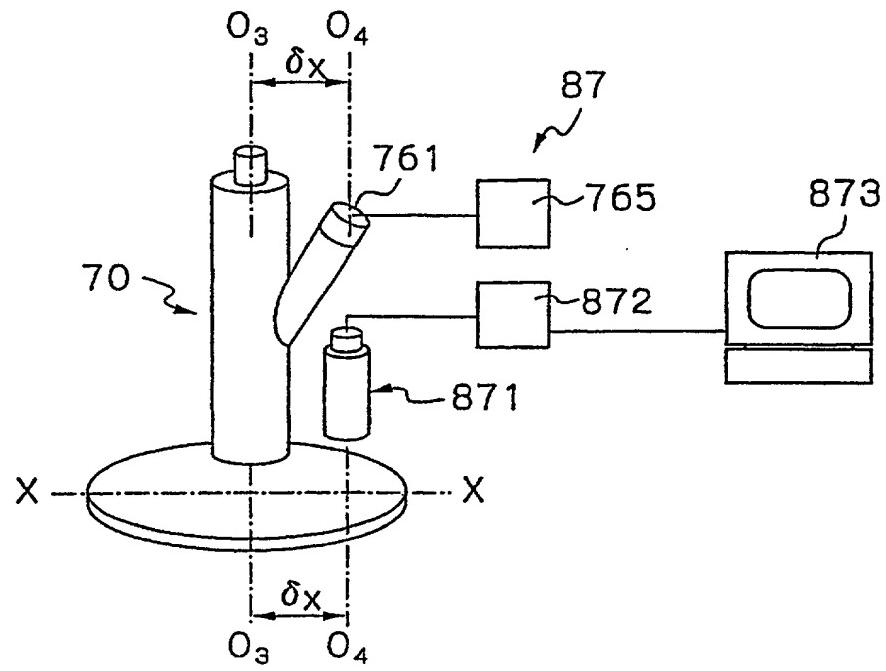


FIG. 14

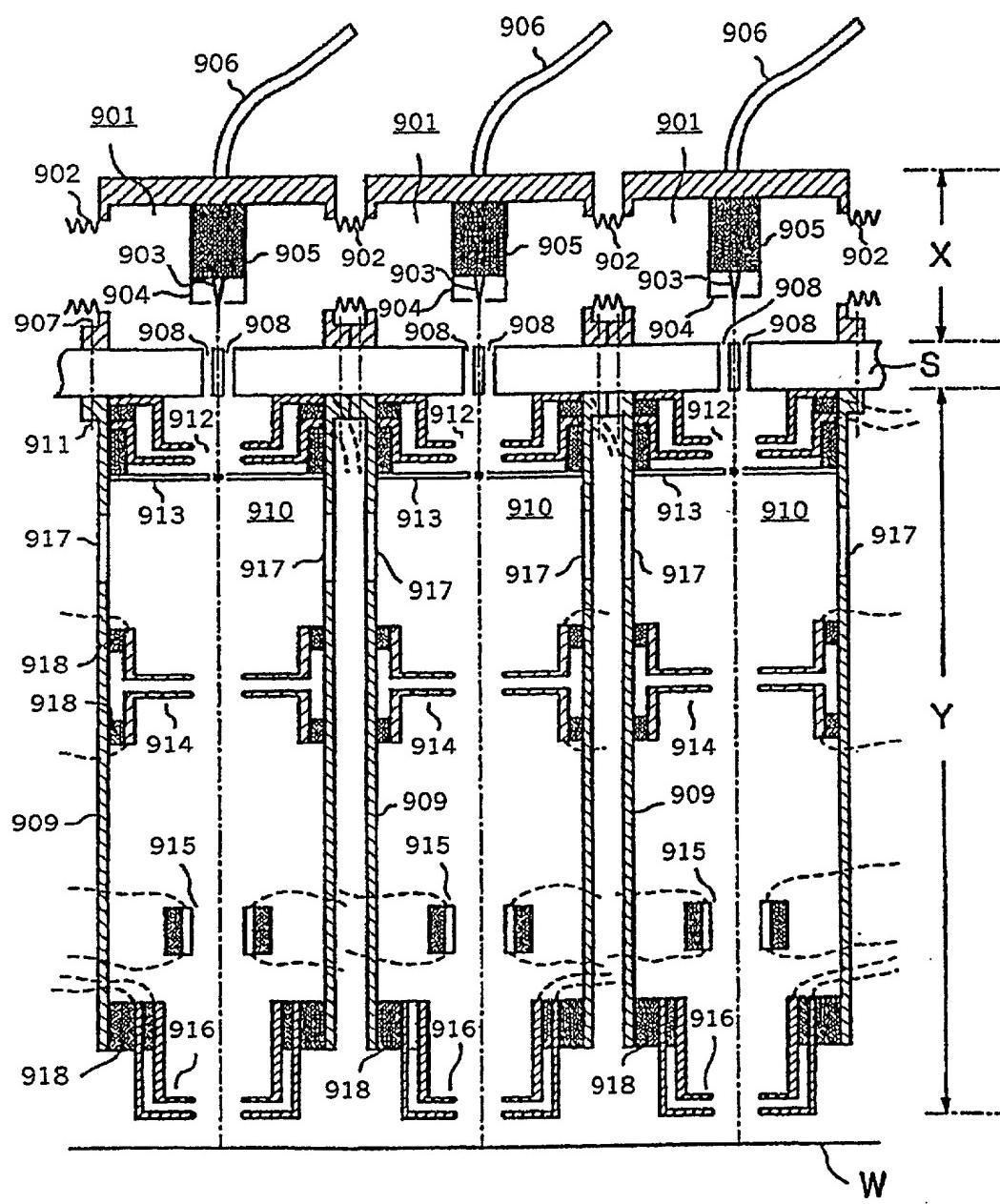


FIG. 15

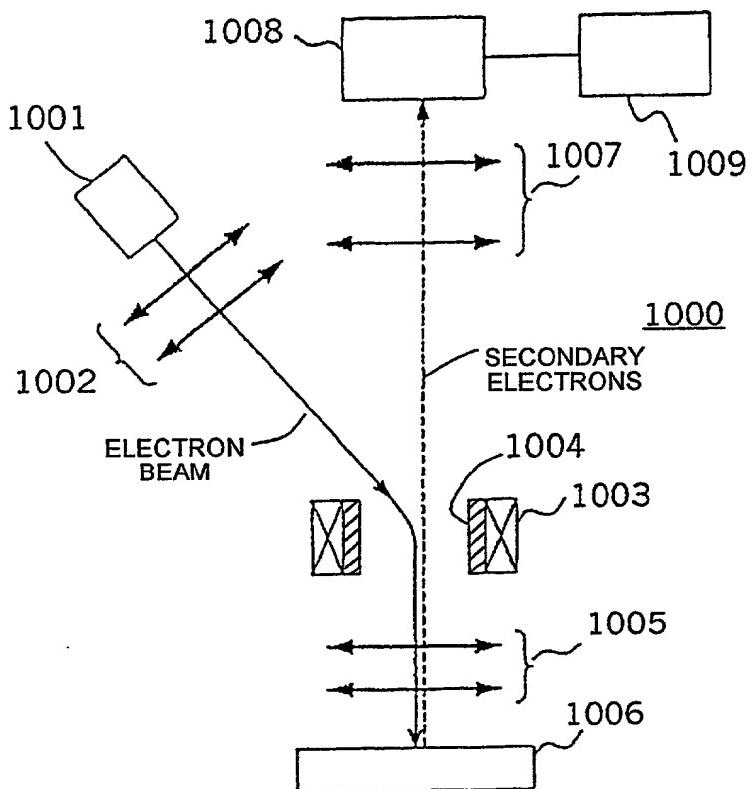


FIG. 16

BREAKDOWN OCCURRENCE
PROBABILITY FOR EACH METAL

METAL	WORK FUNCTION [eV]	BREAKDOWN OCCURRENCE PROBABILITY
ALUMINUM	4. 2	HIGH
GOLD	4. 9	MIDDLE
PLATINUM	5. 3	LOW

FIG. 17

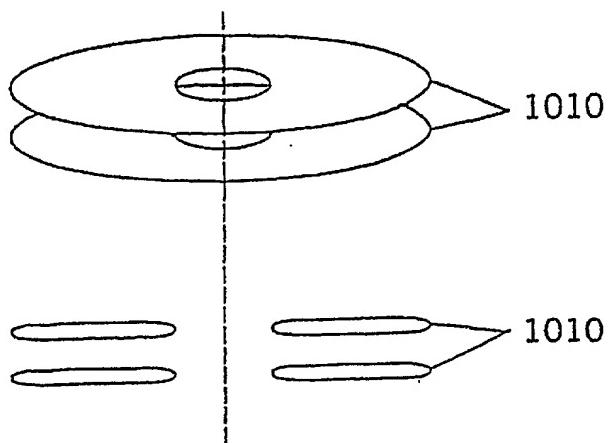


FIG. 18

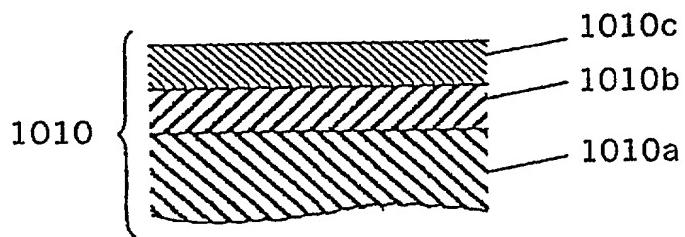


FIG. 19

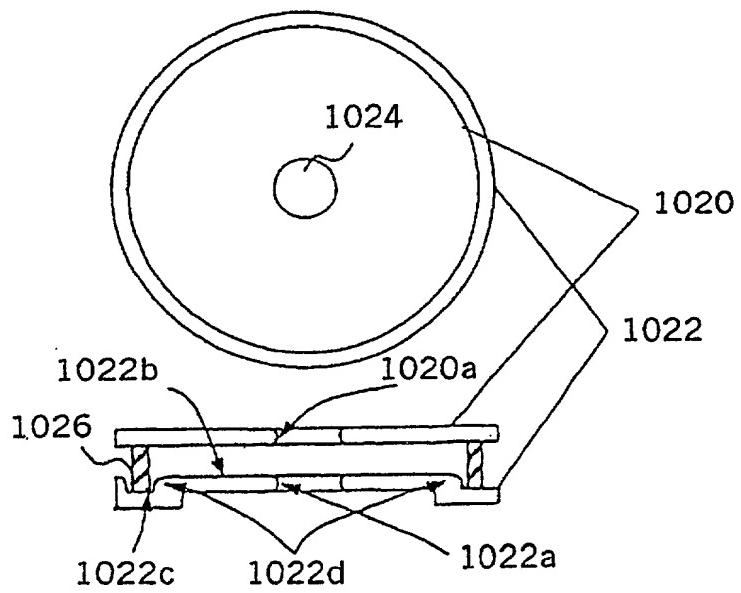


FIG. 20

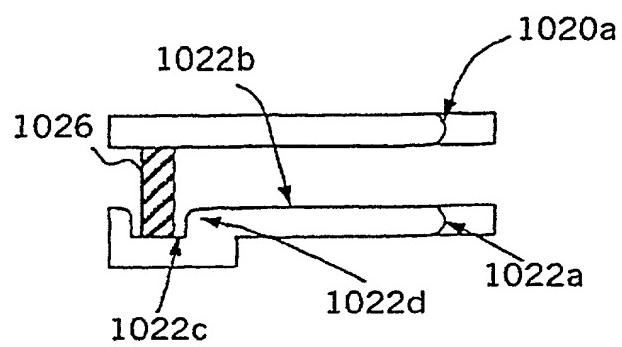
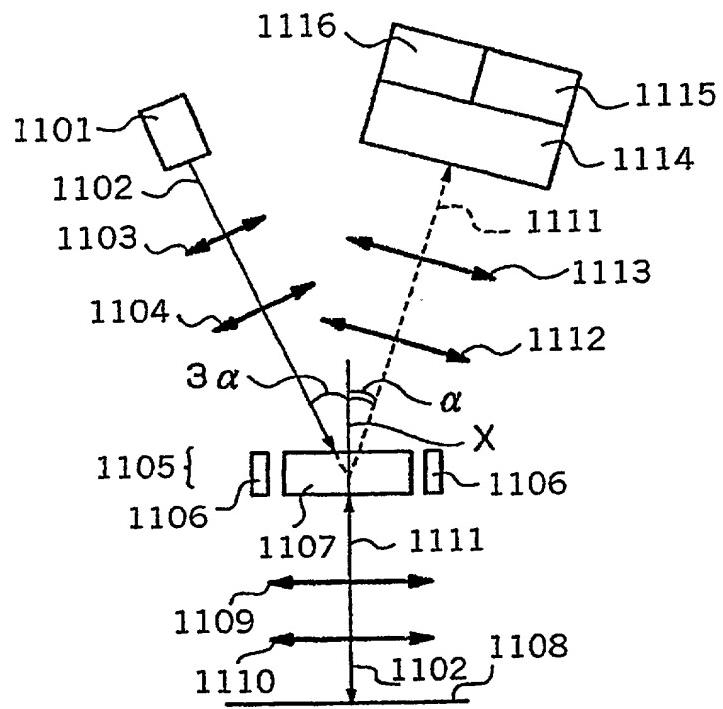


FIG. 21



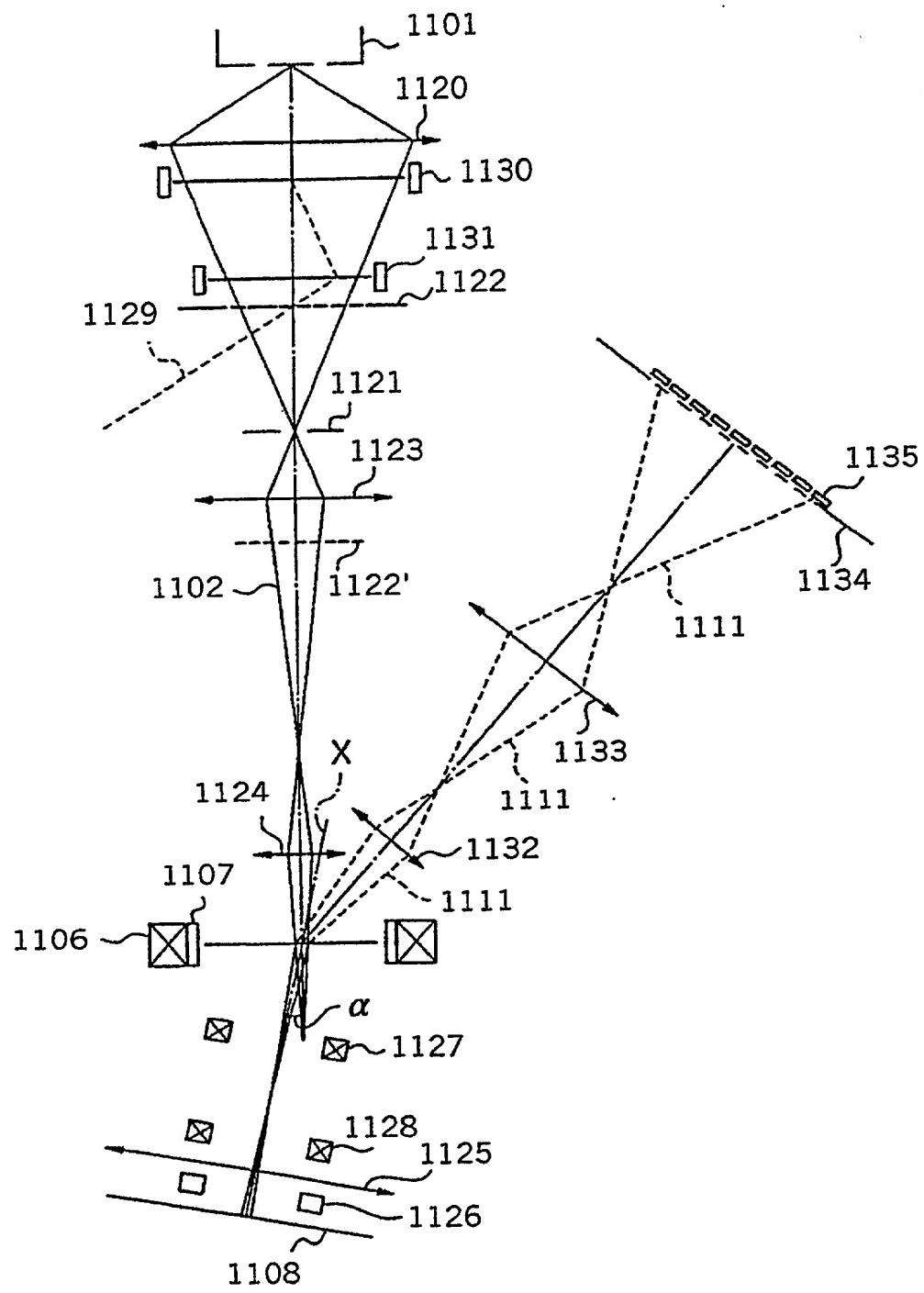


FIG. 23

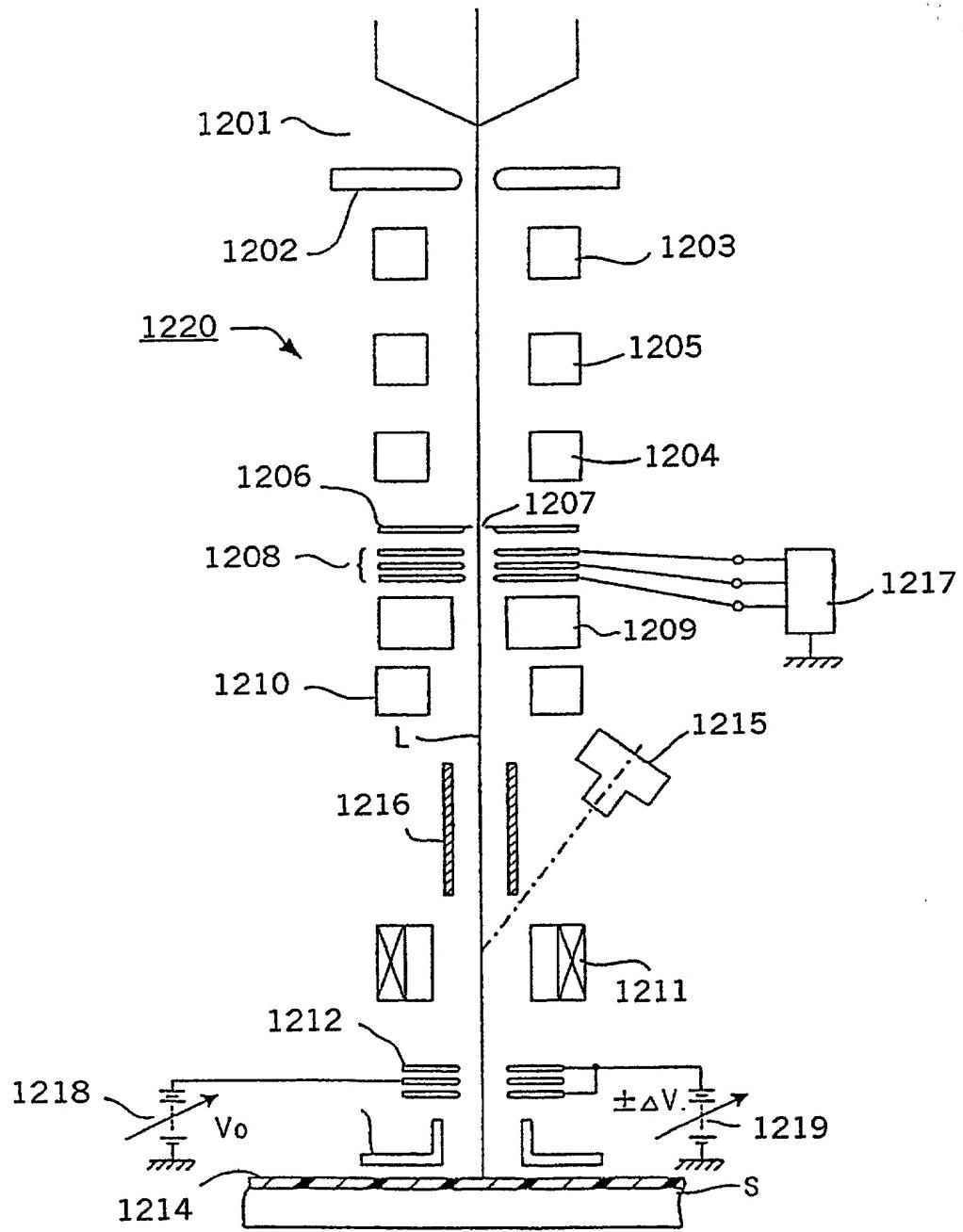


FIG. 24

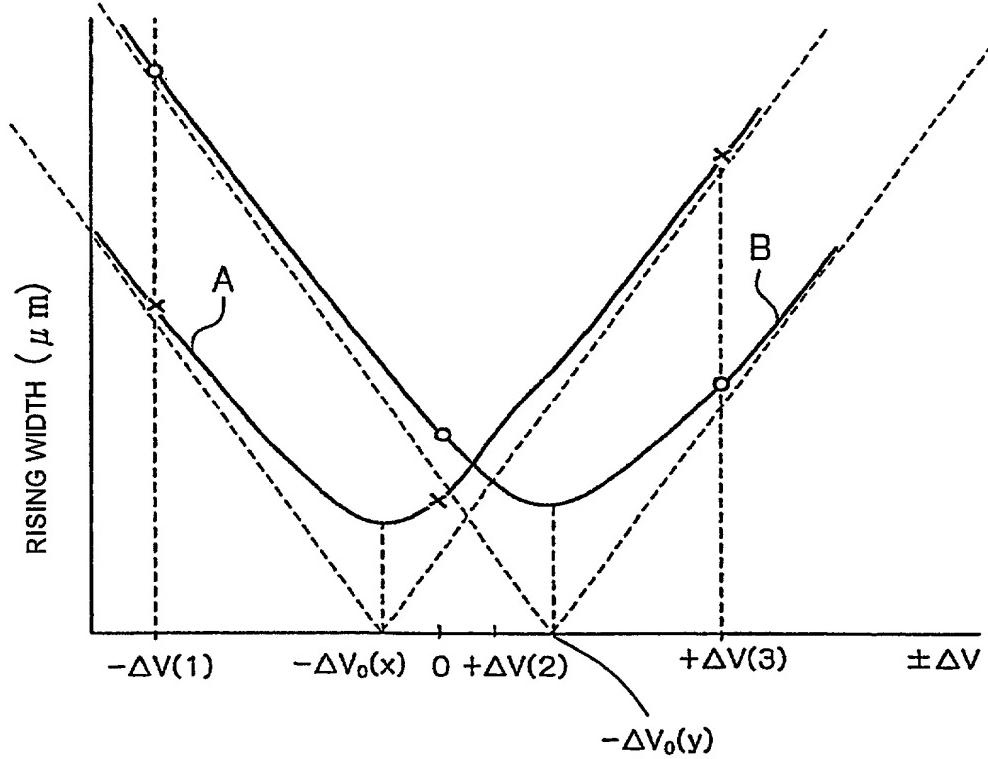


FIG. 25 (a)

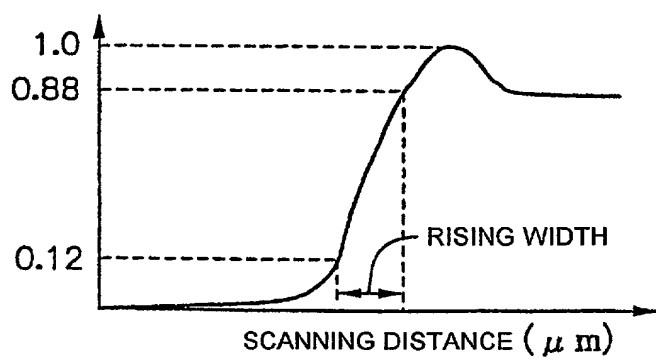


FIG. 25 (b)

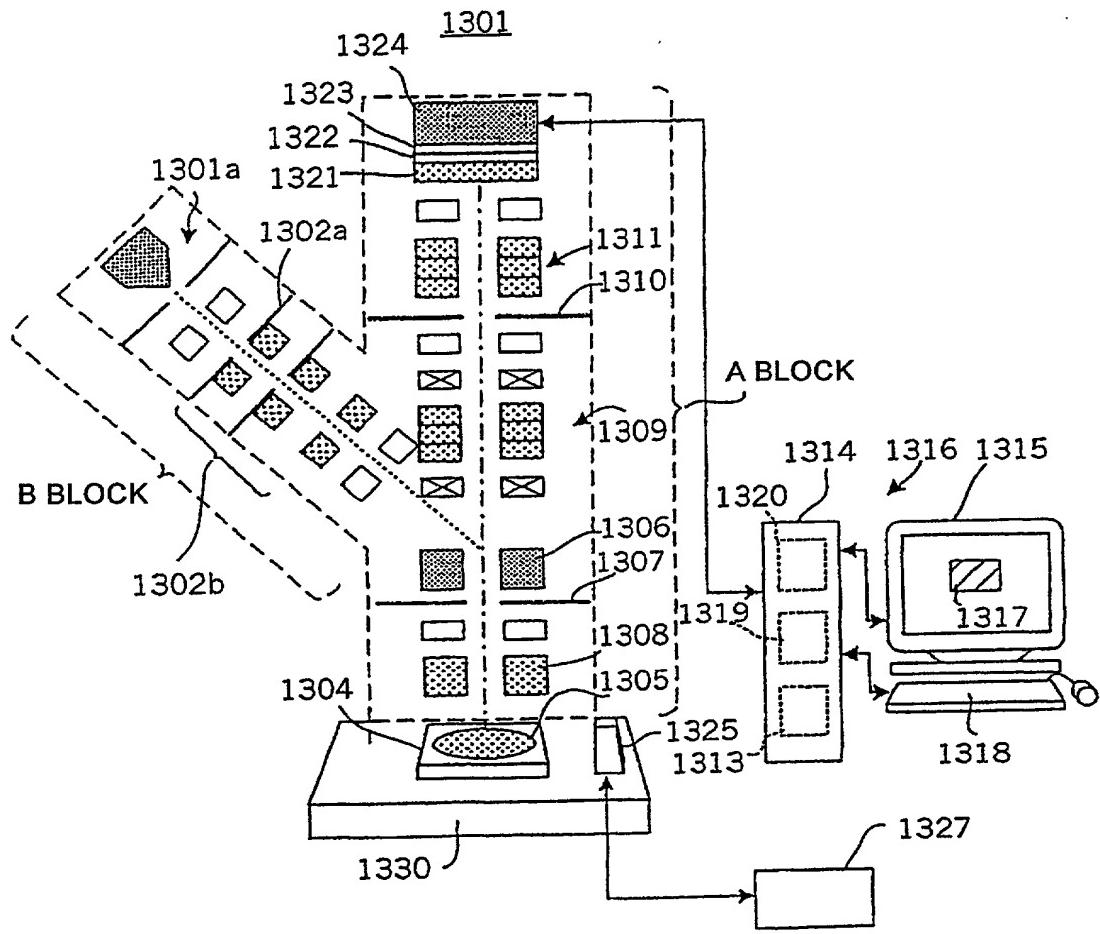


FIG. 26

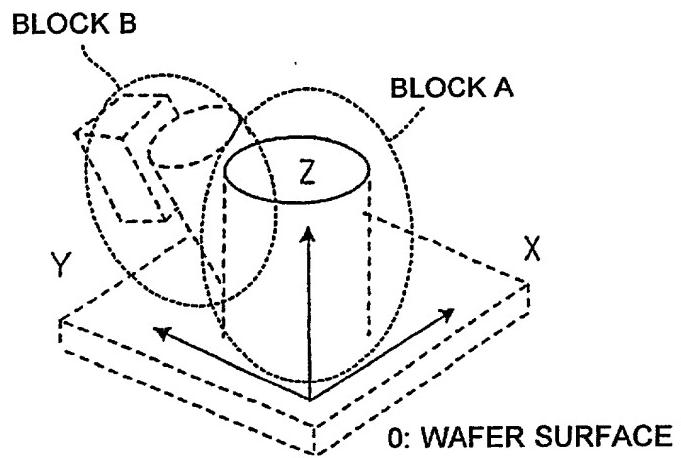


FIG. 27 (a)

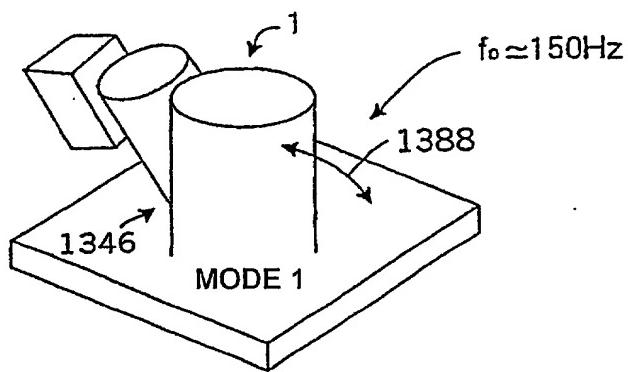


FIG. 27 (b)

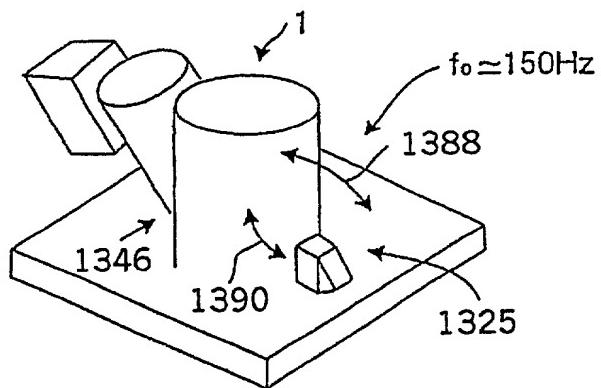


FIG. 27 (c)

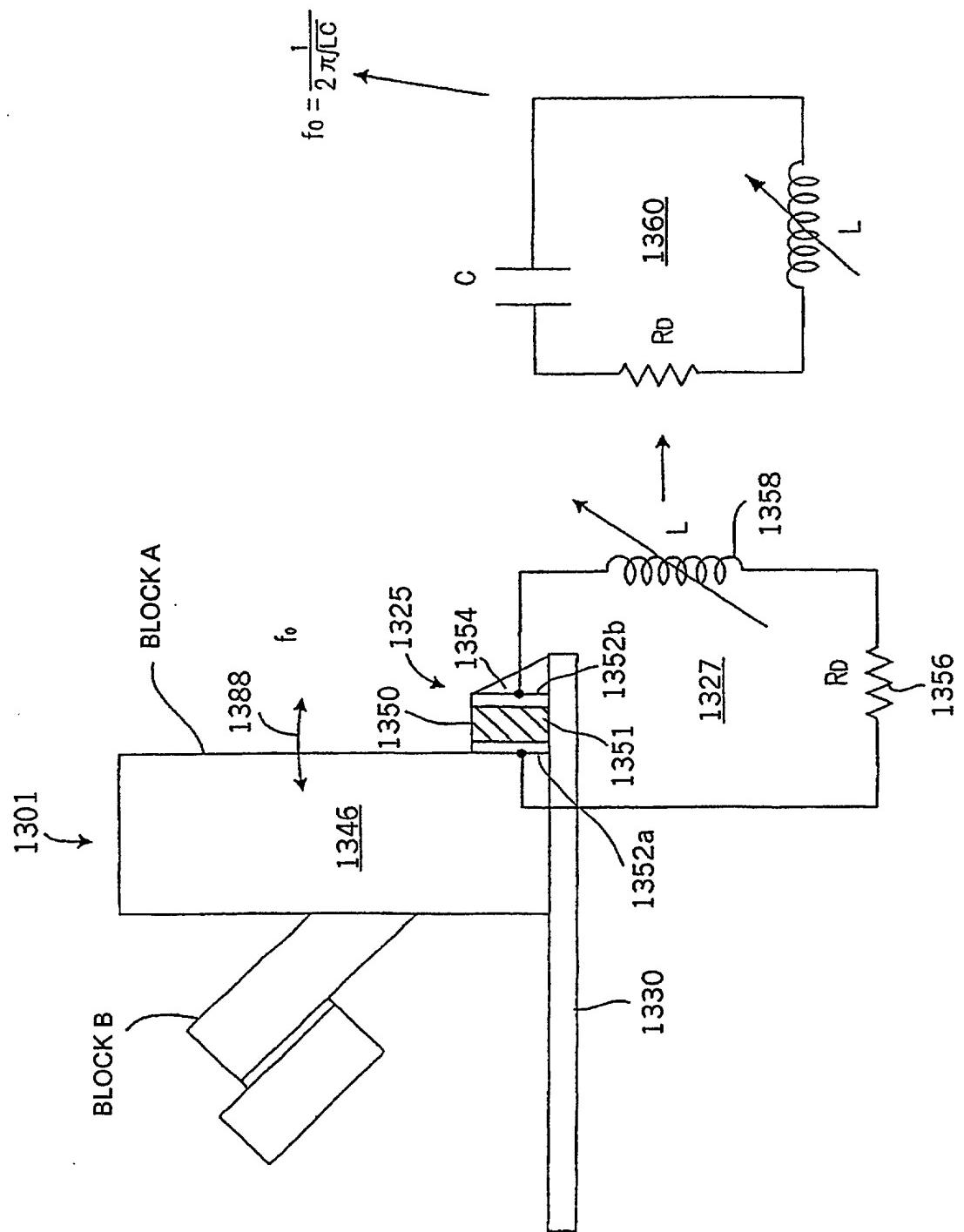


FIG. 28

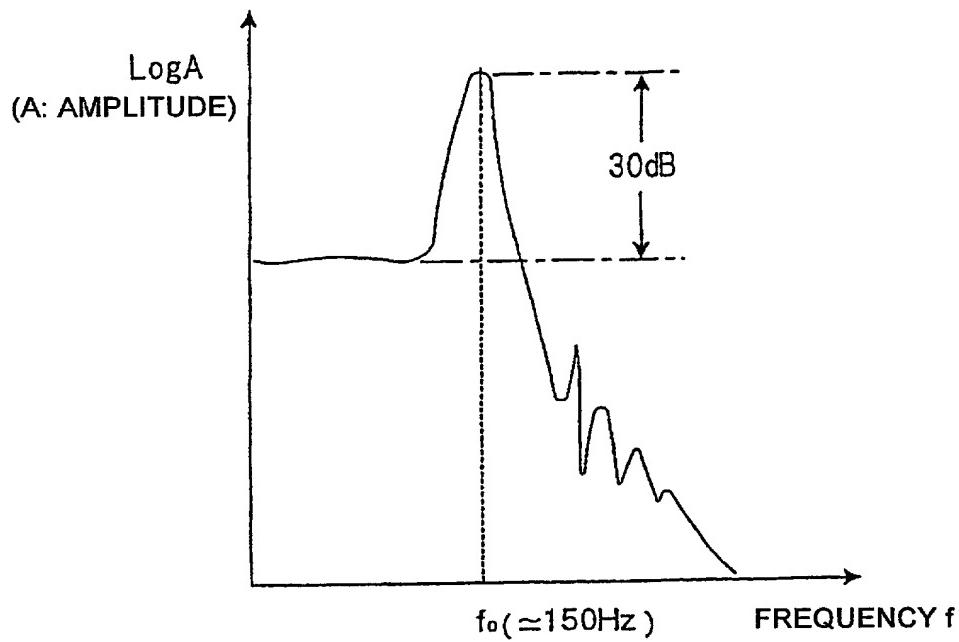


FIG. 29

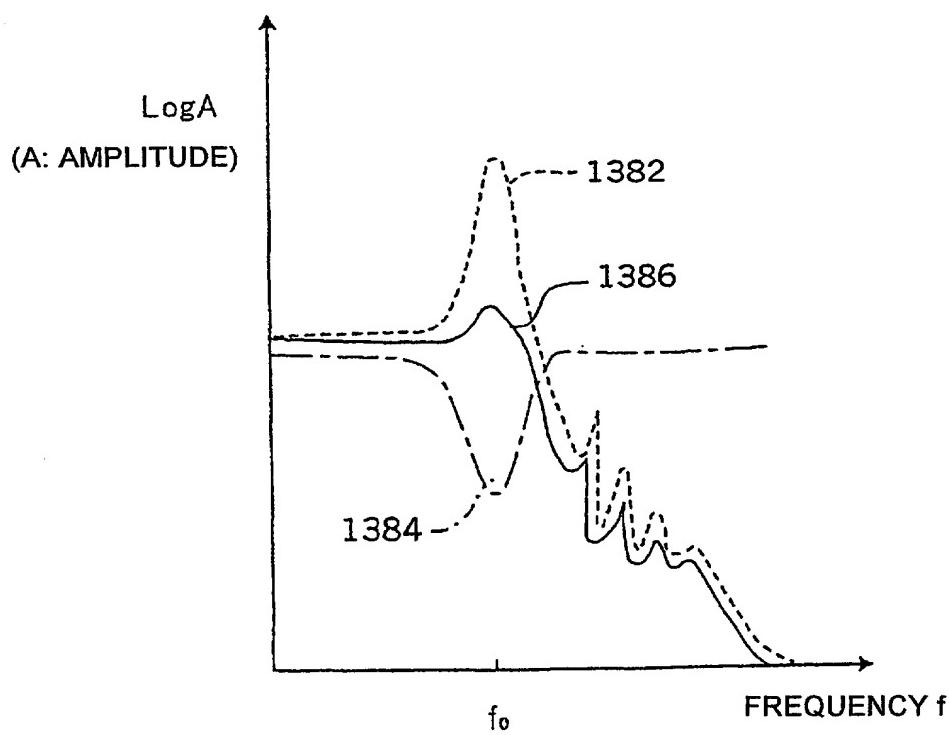


FIG. 30

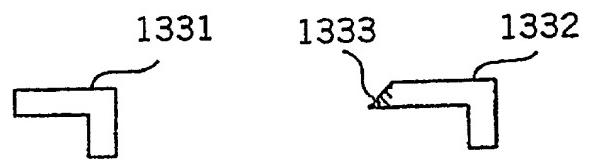


FIG. 31 (a)

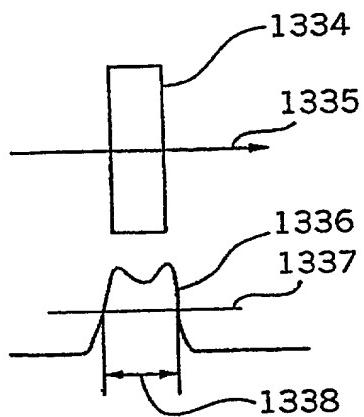


FIG. 31 (b)

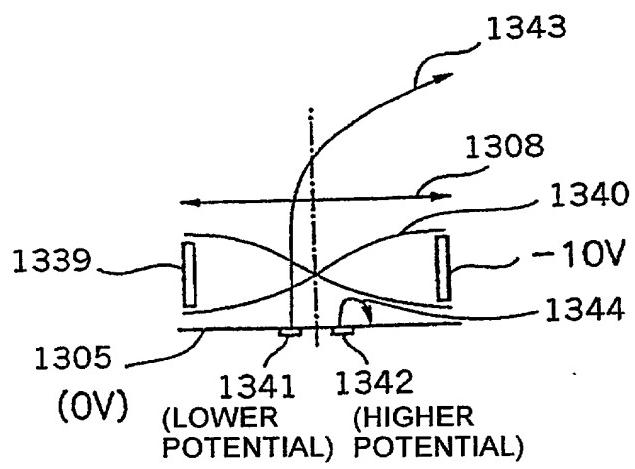


FIG. 31 (c)

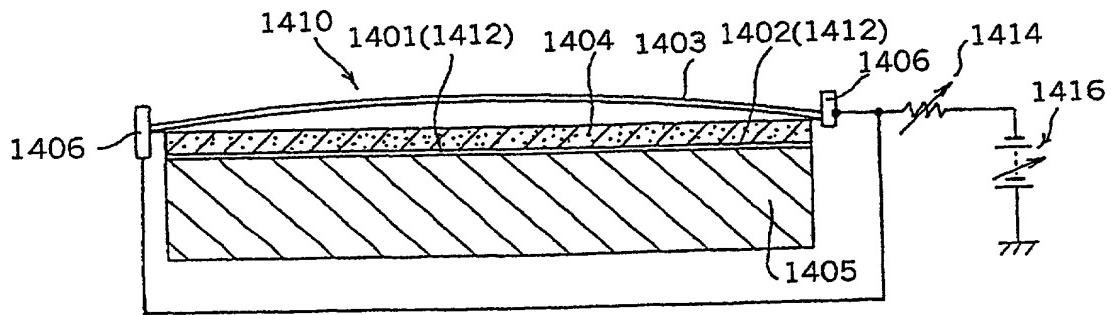
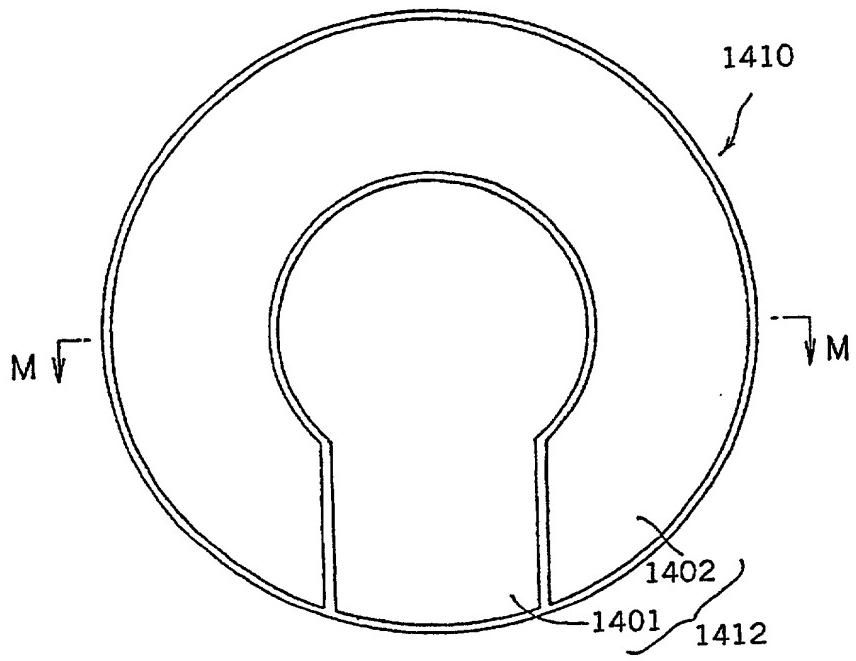


FIG. 33

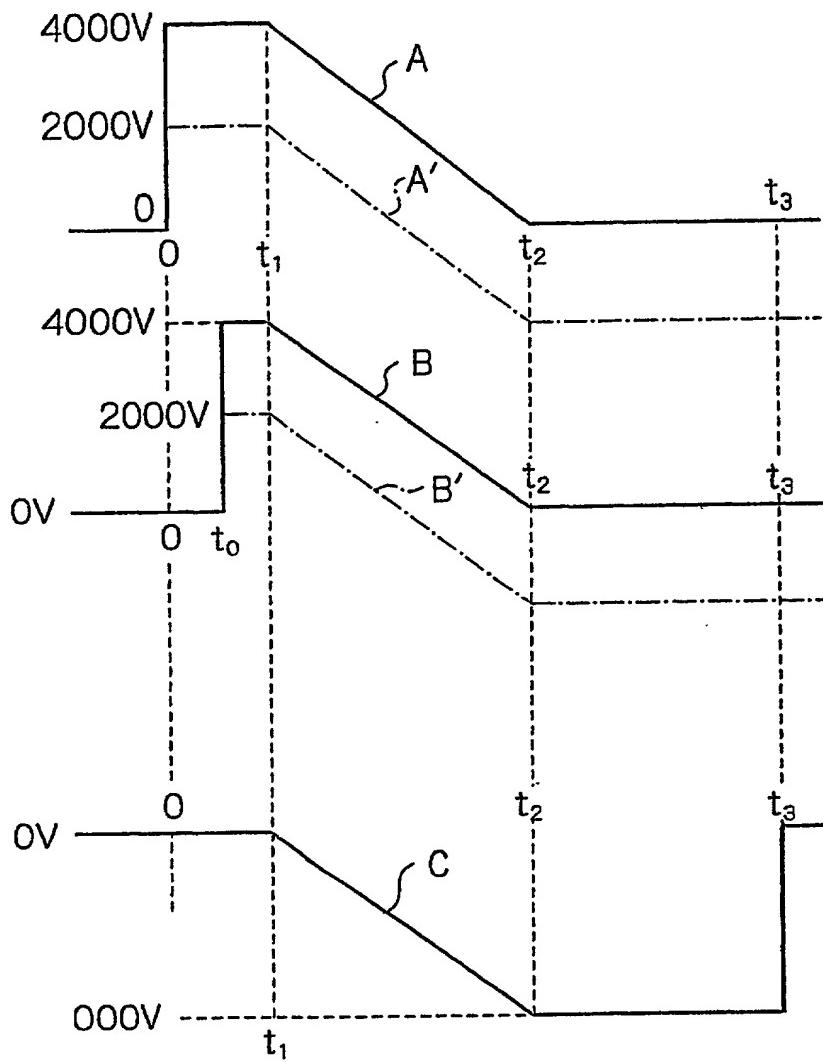


FIG. 34 (a)

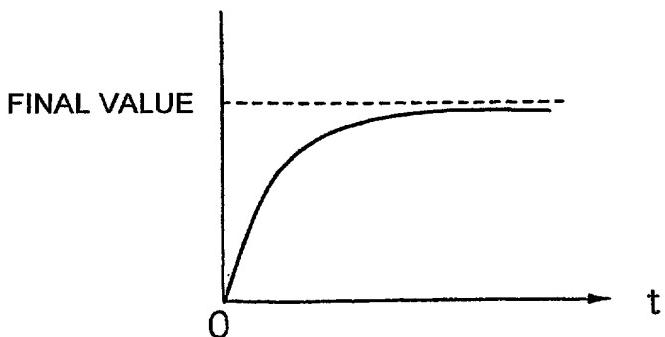


FIG. 34 (b)

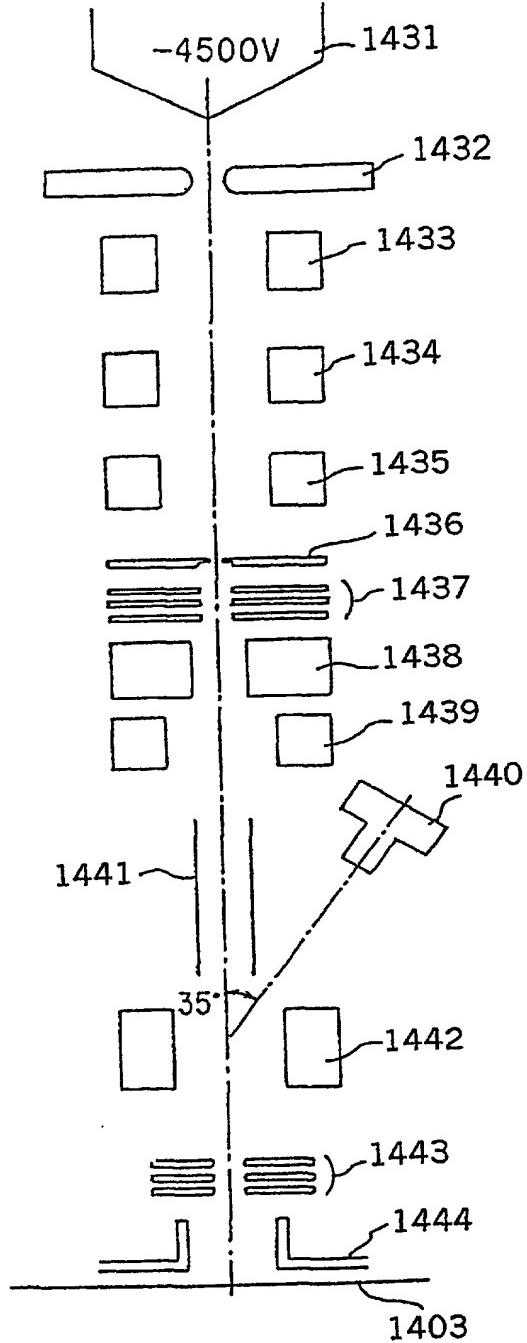


FIG. 35

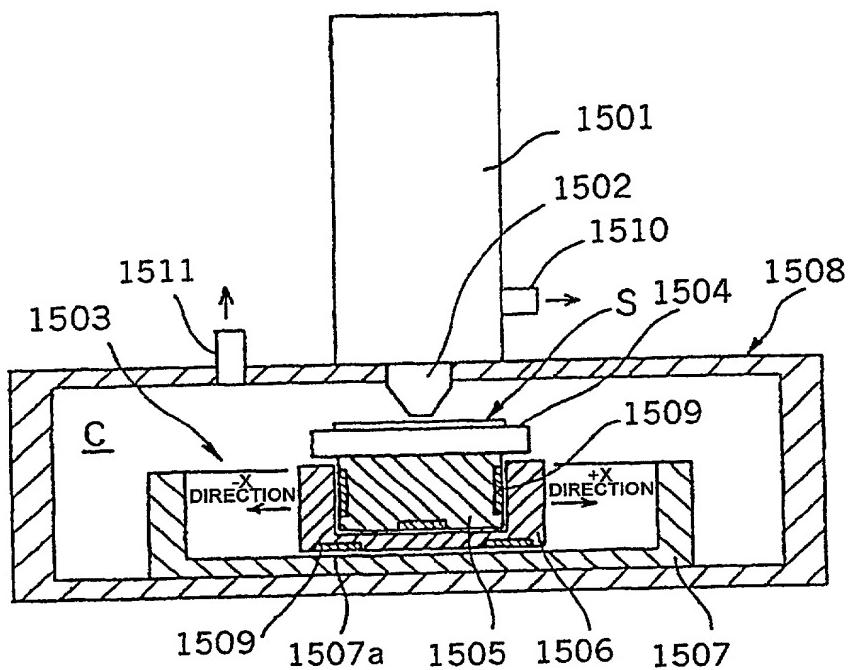


FIG. 36 [A]

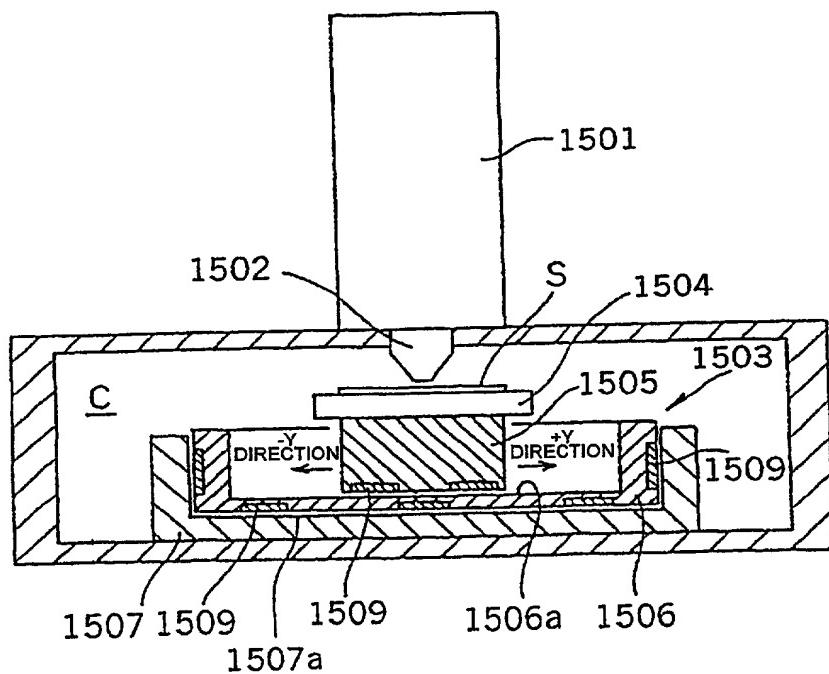


FIG. 36 [B]

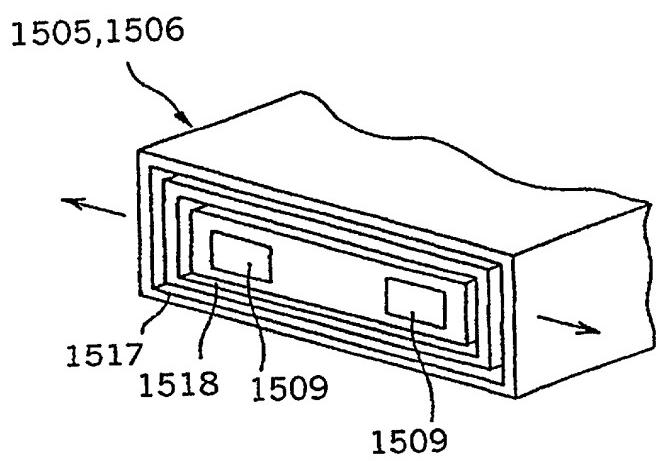


FIG. 37

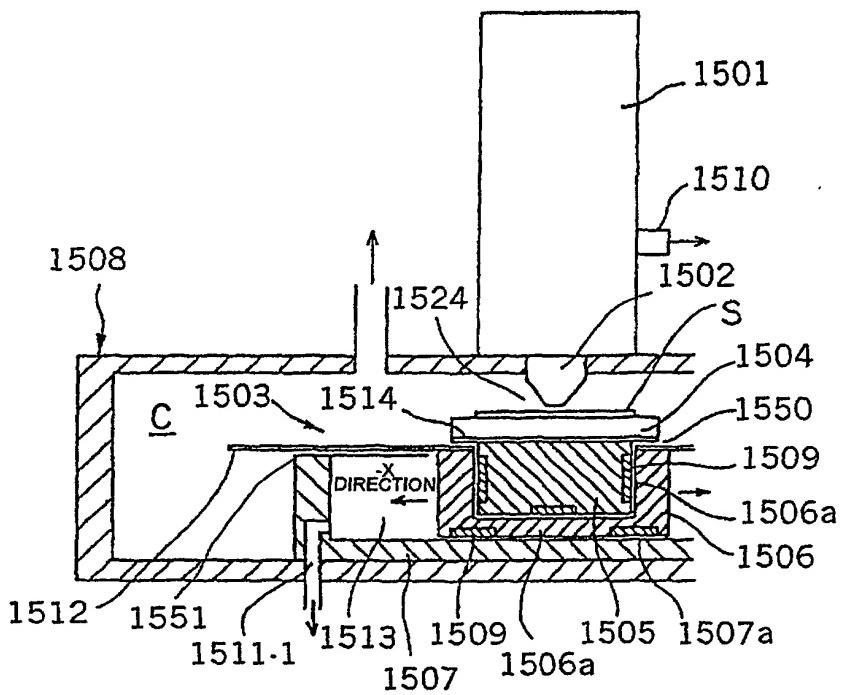


FIG. 38 [A]

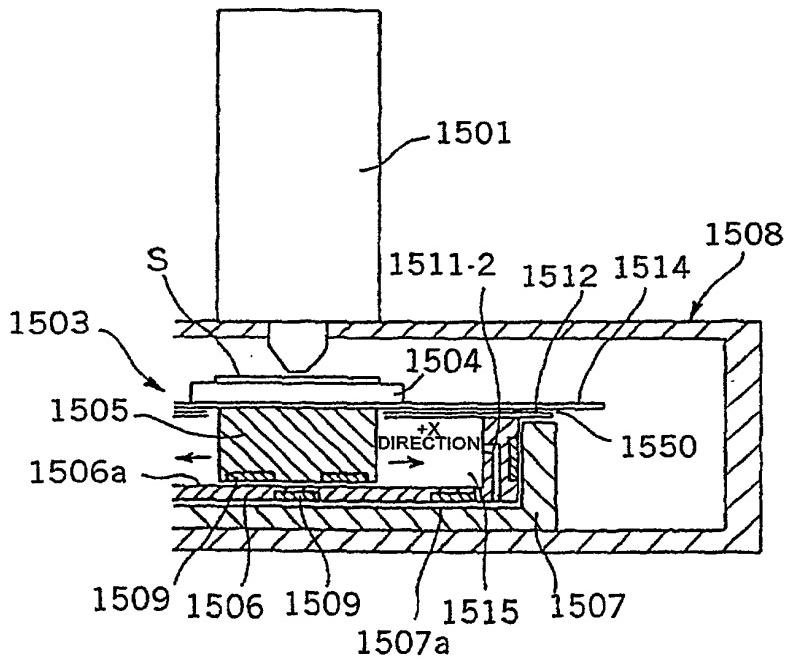


FIG. 38 [B]

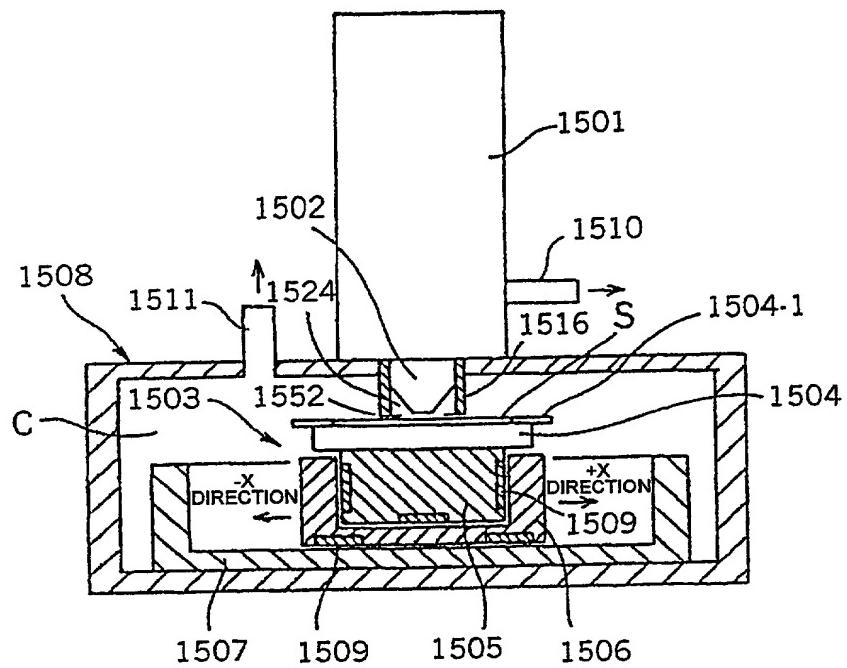


FIG. 39

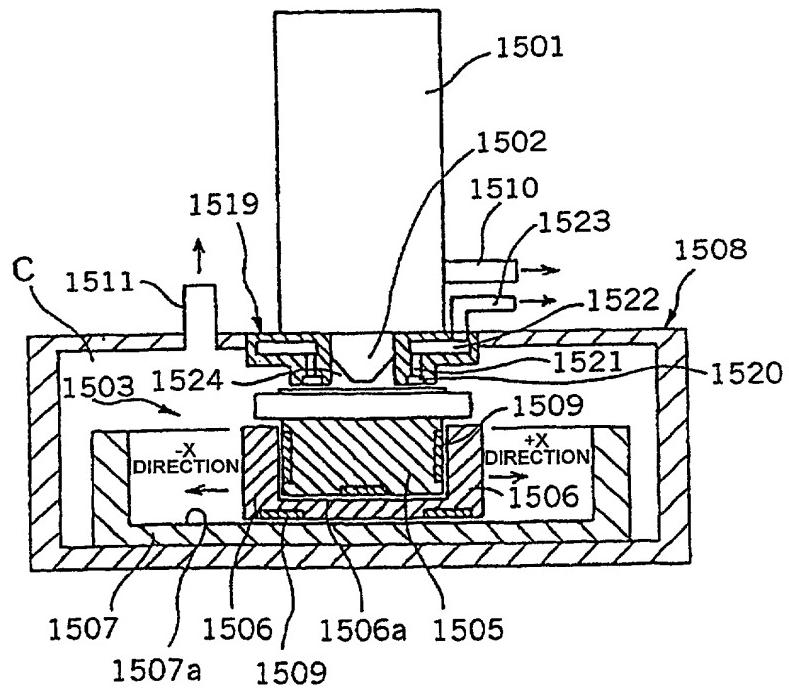


FIG. 40

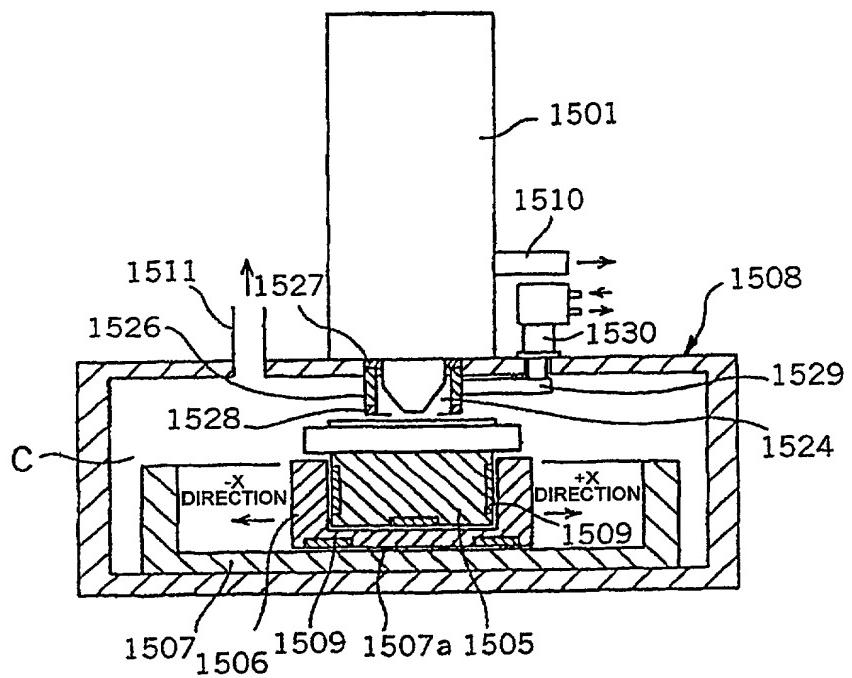


FIG. 41

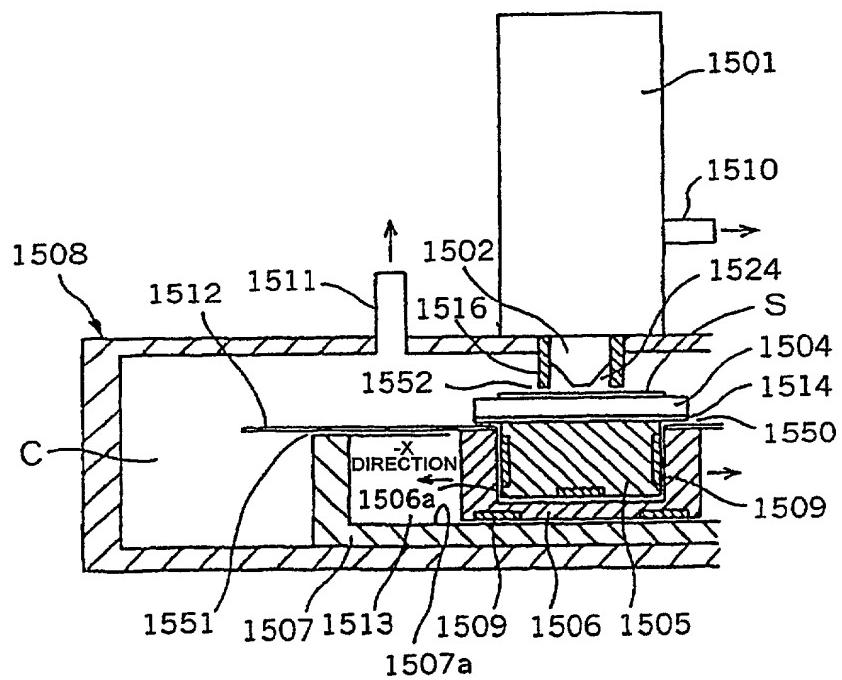


FIG. 42

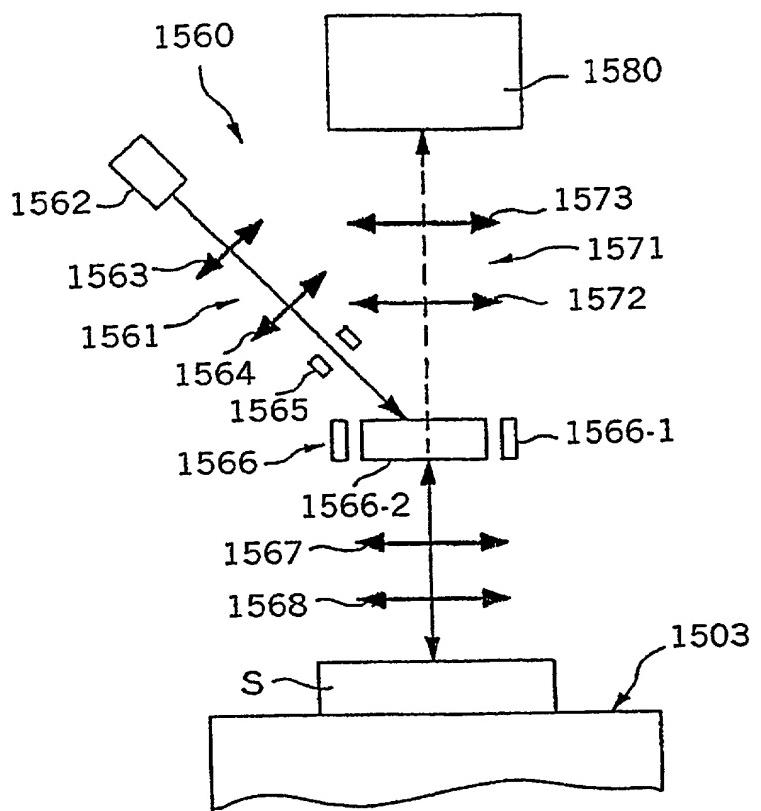


FIG. 43

FIG. 44

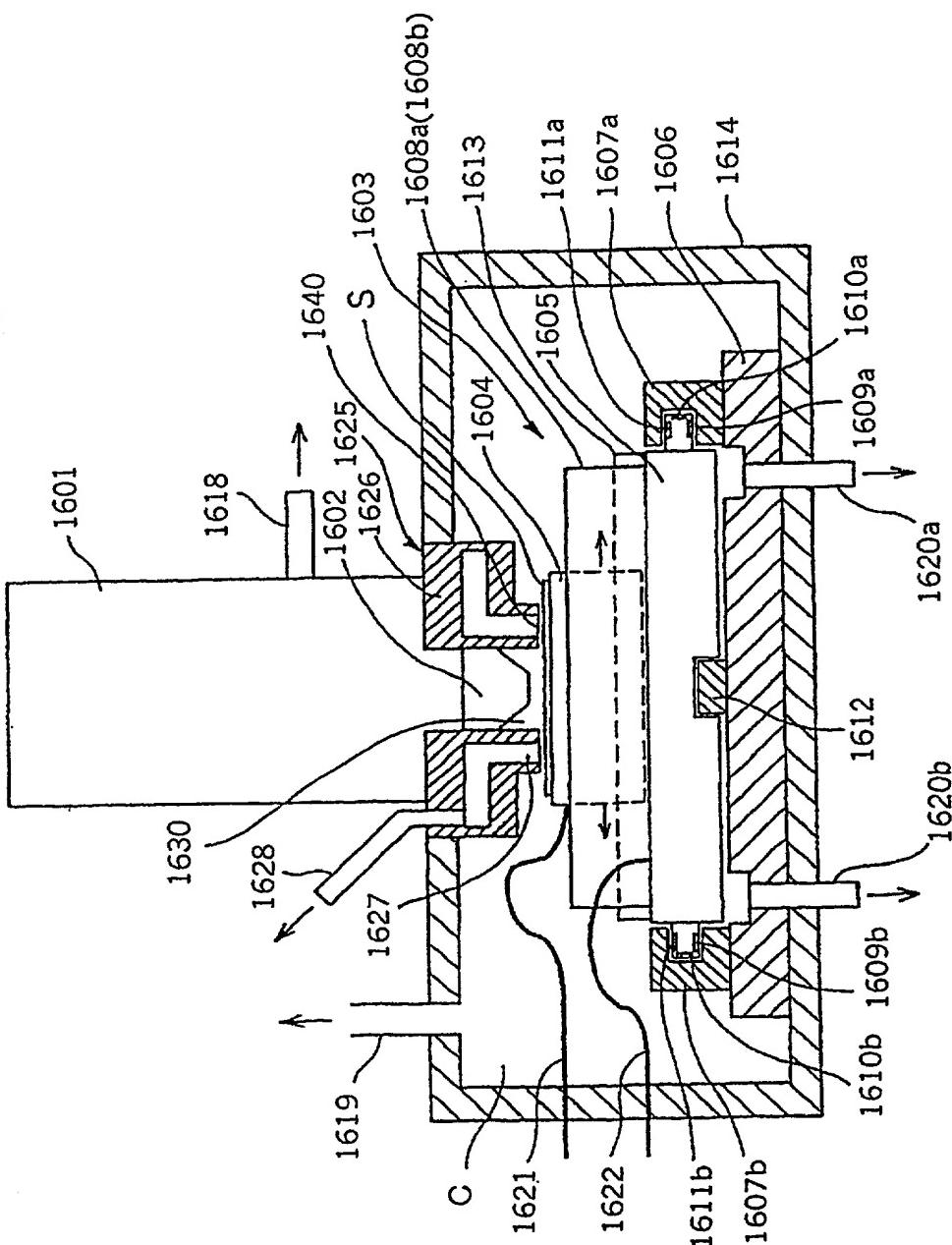
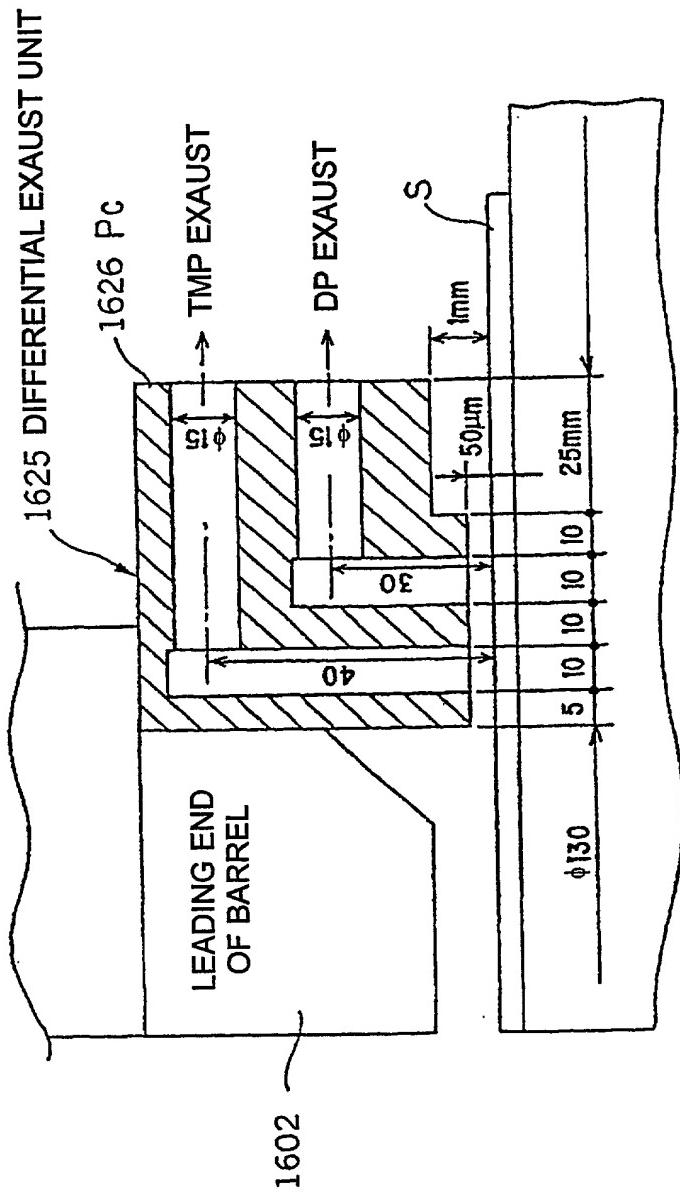


FIG. 45



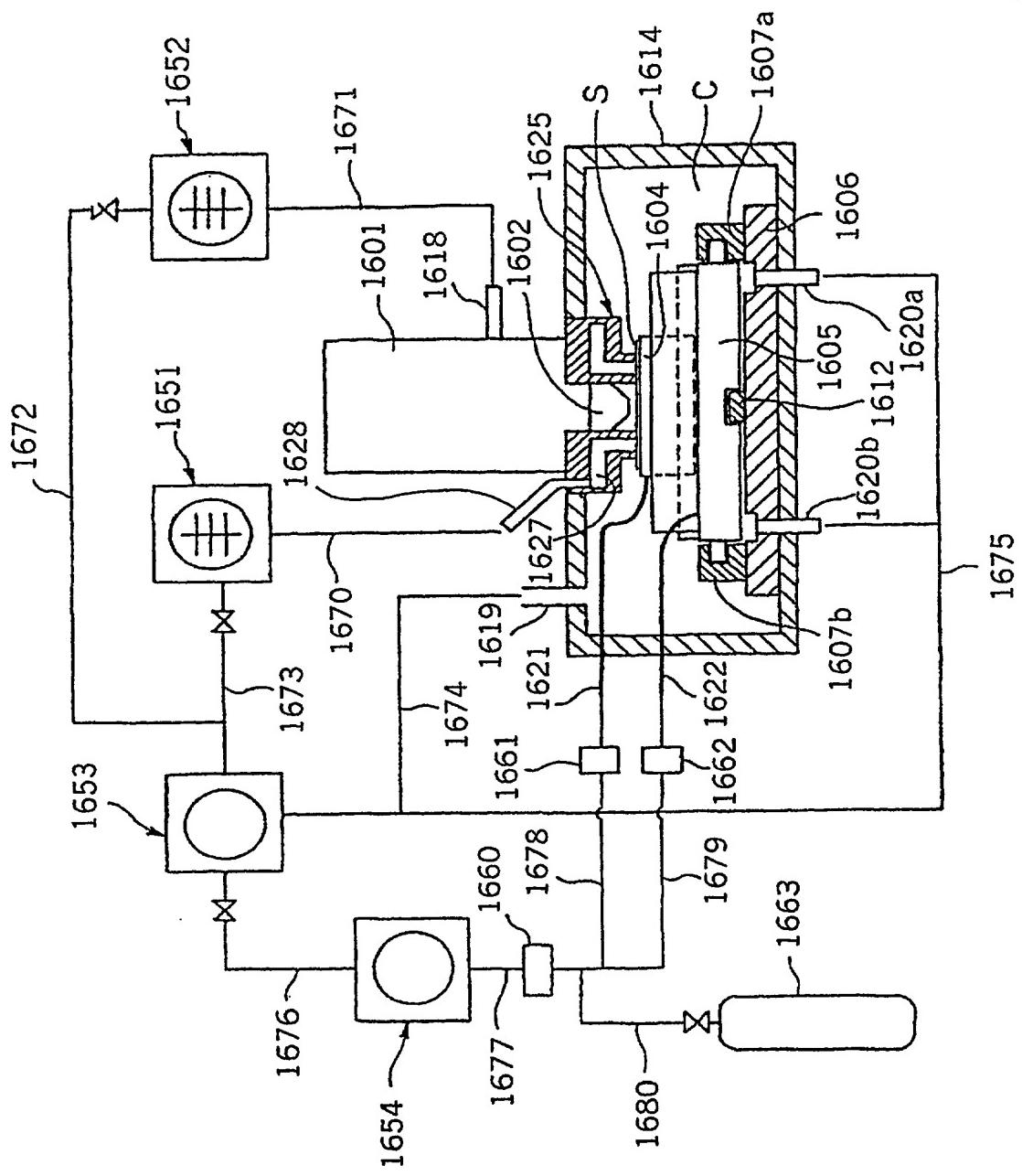


FIG. 46

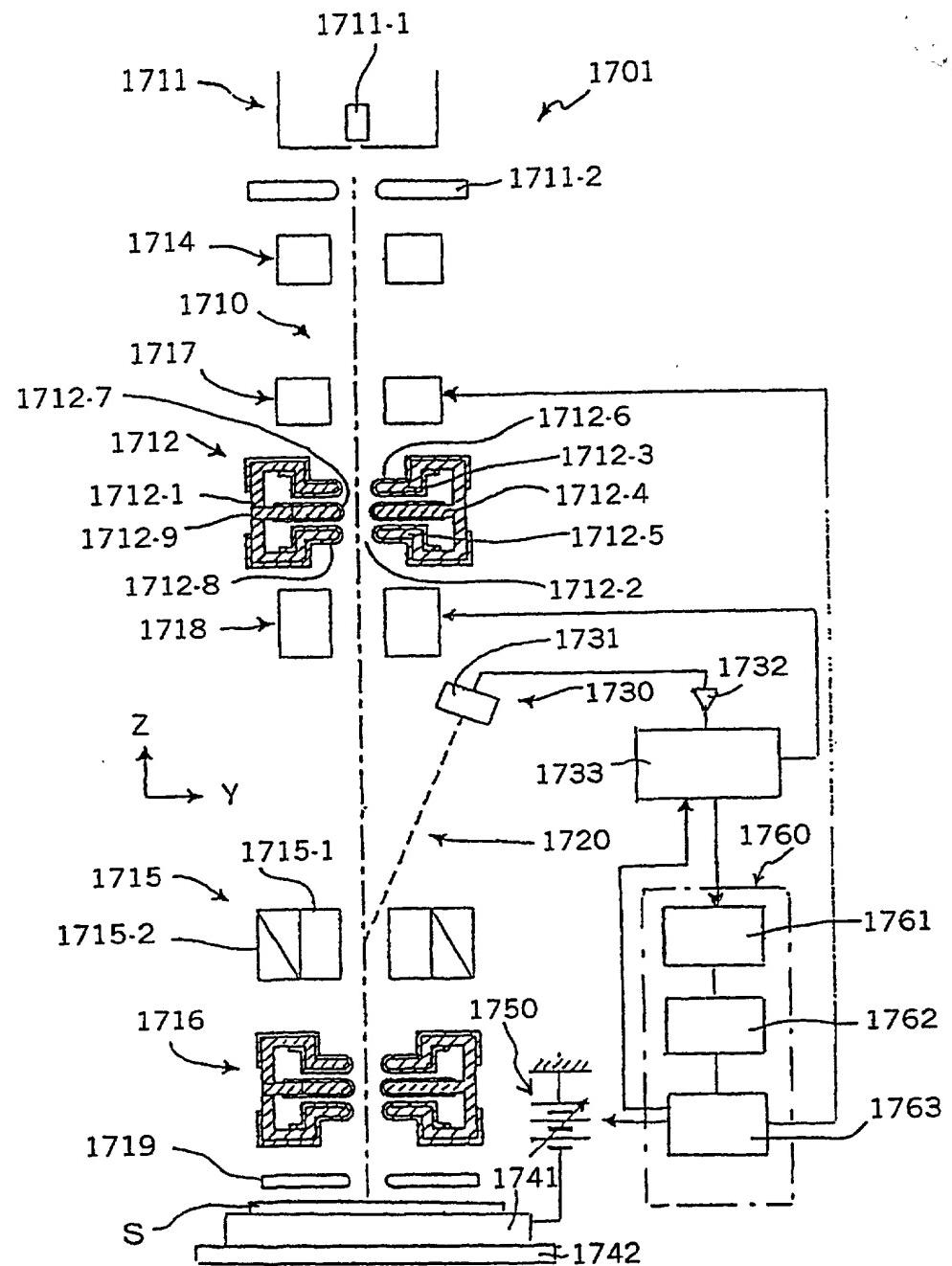


FIG. 47

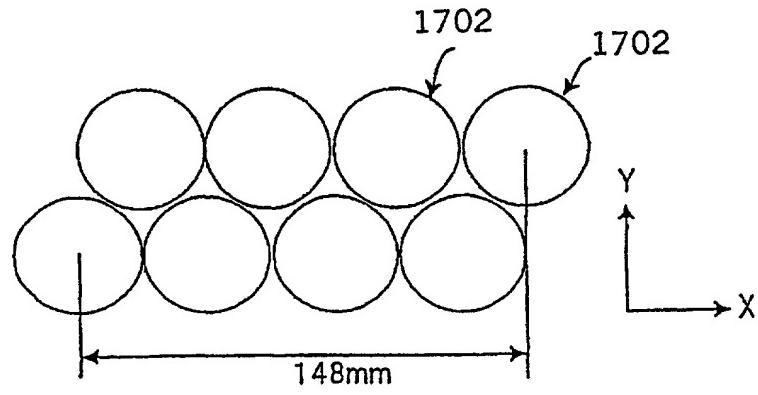


FIG. 48

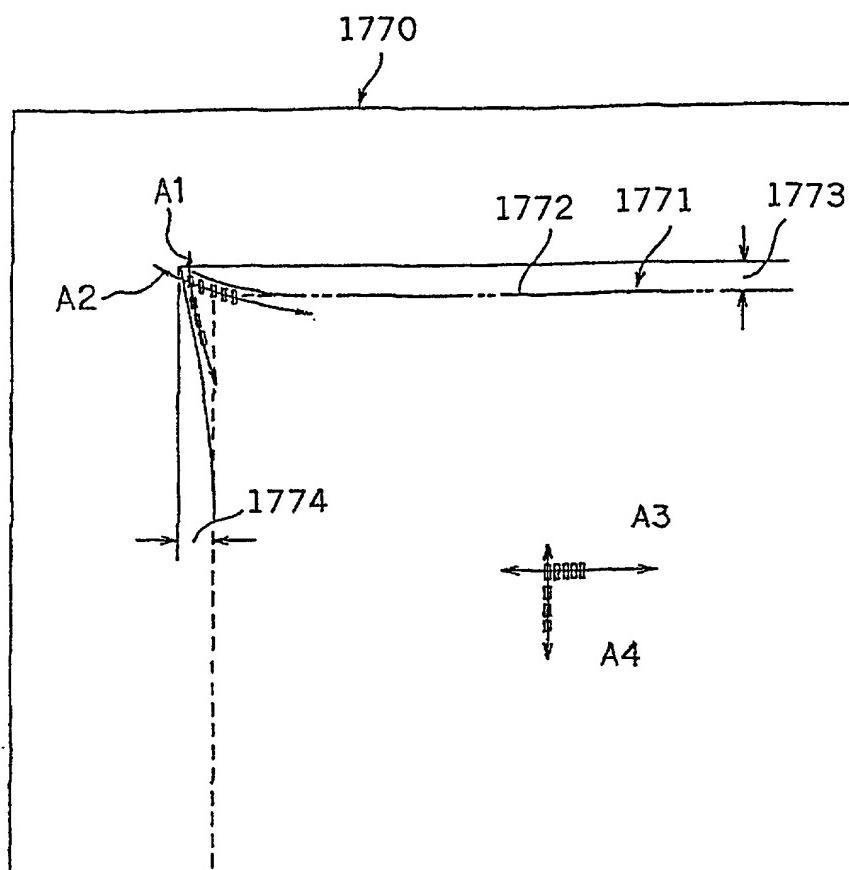


FIG. 49 [A]

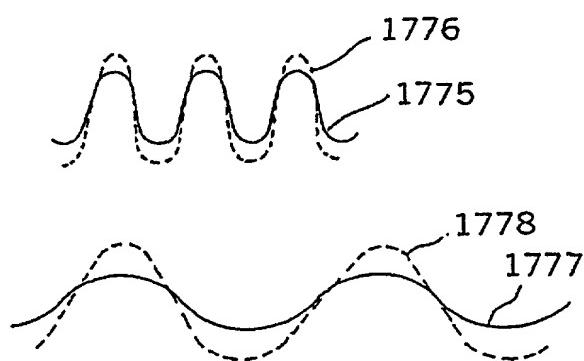
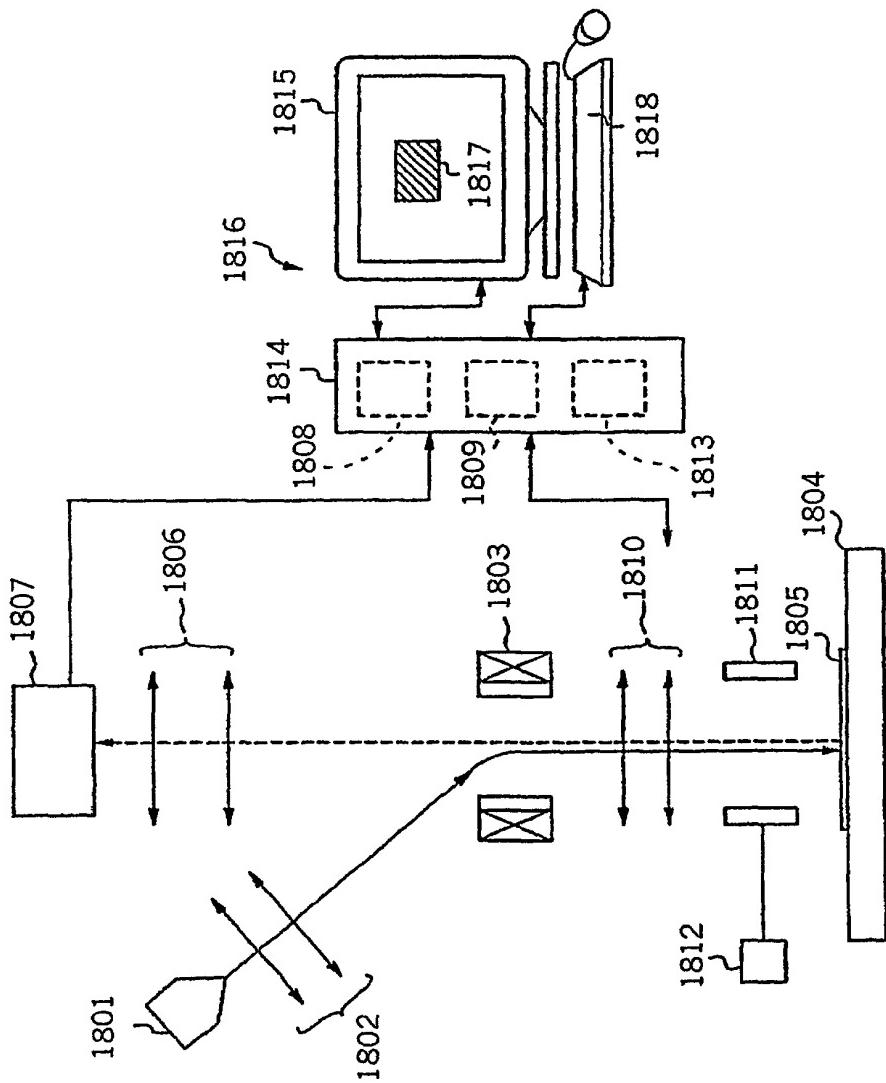


FIG. 49 [B]

FIG. 50



IMAGES UNDER TESTING AT
DIFFERENT POSITIONS

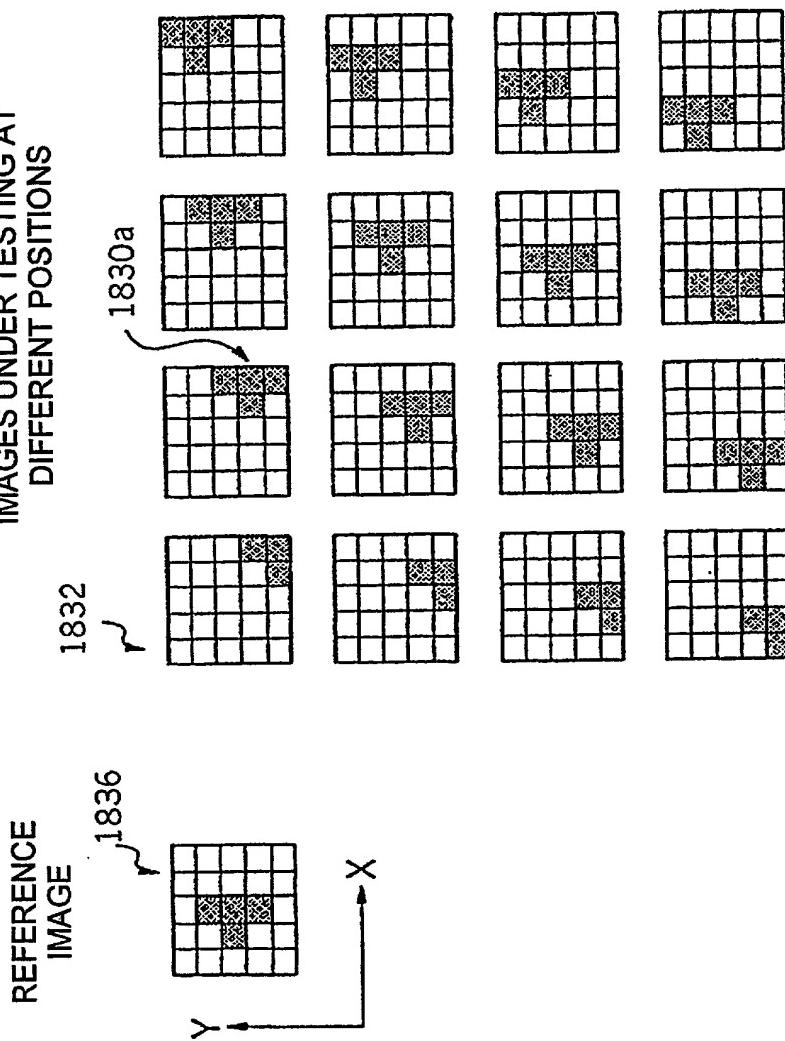


FIG. 51

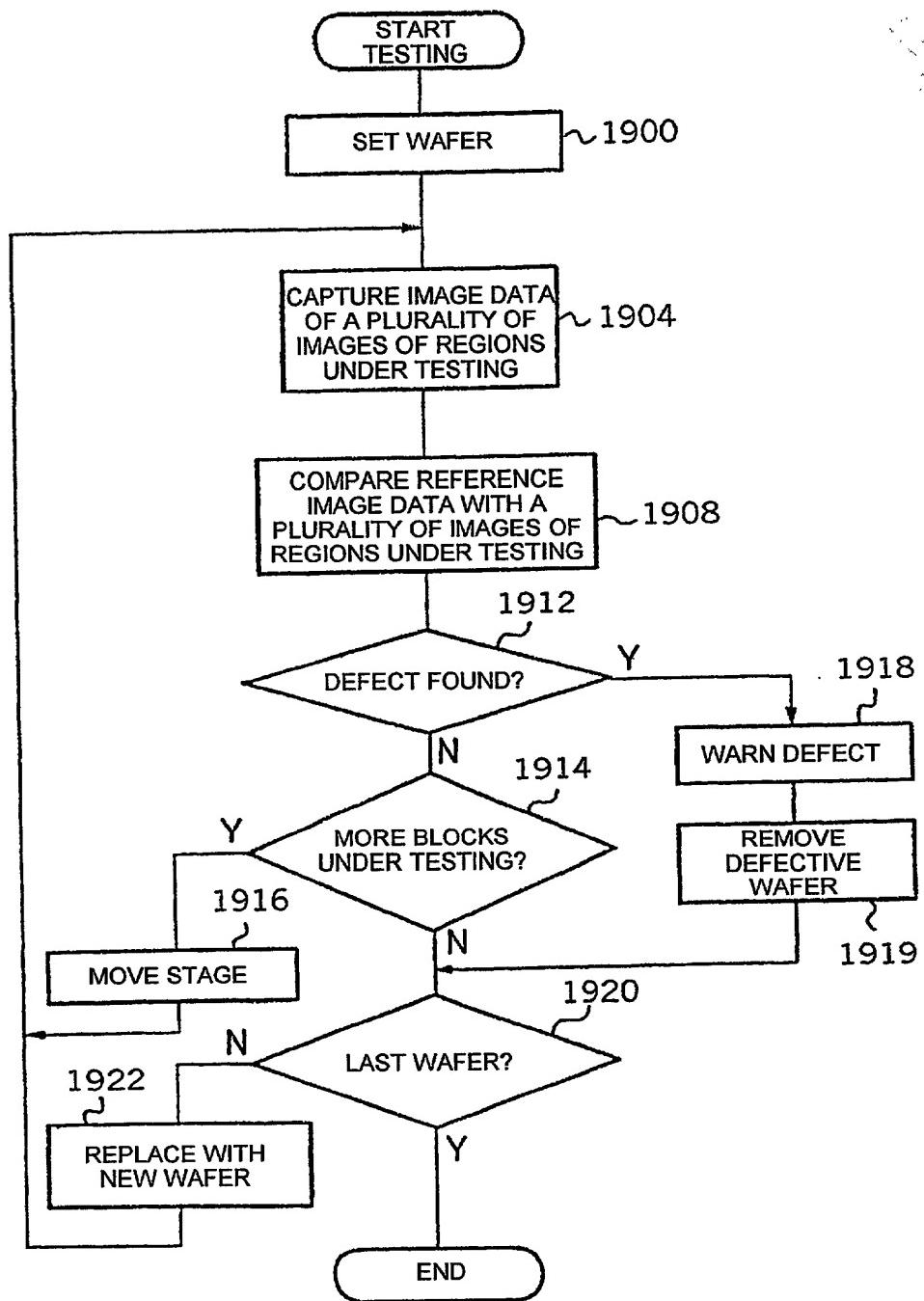


FIG. 52

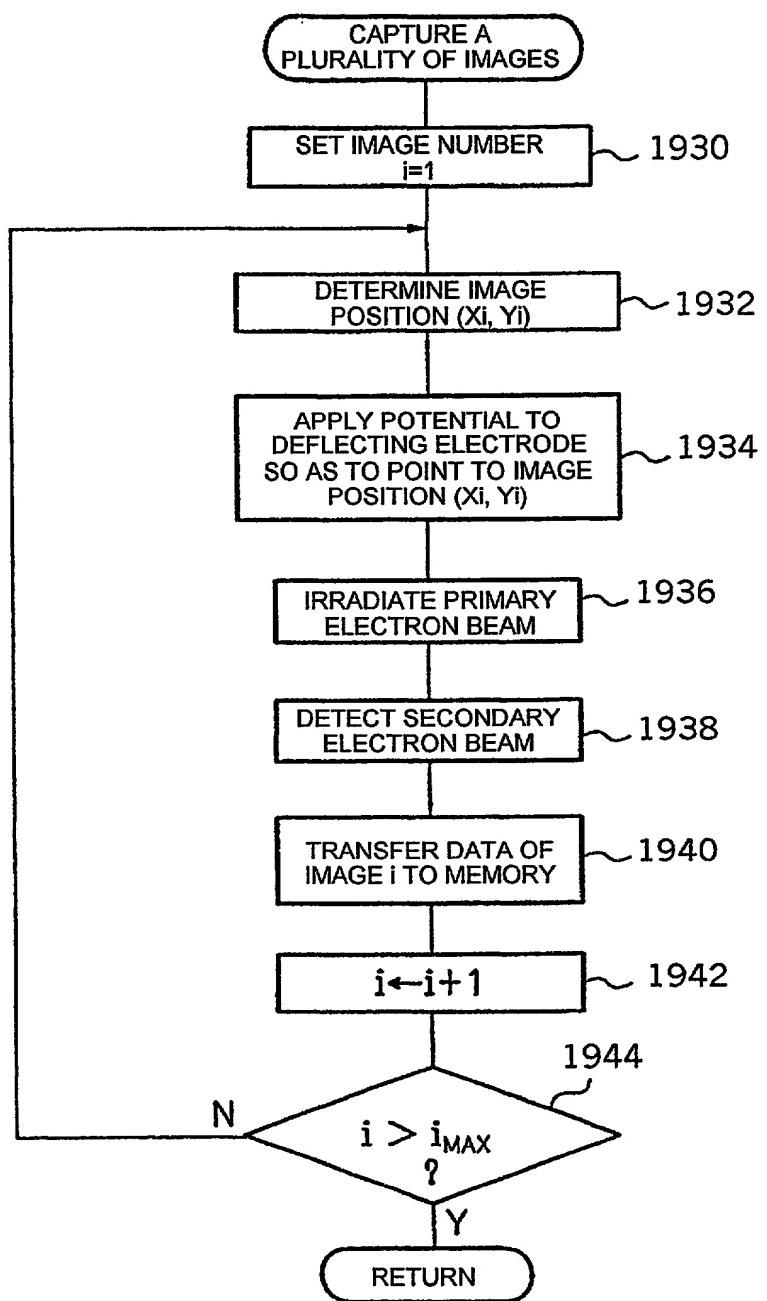


FIG. 53

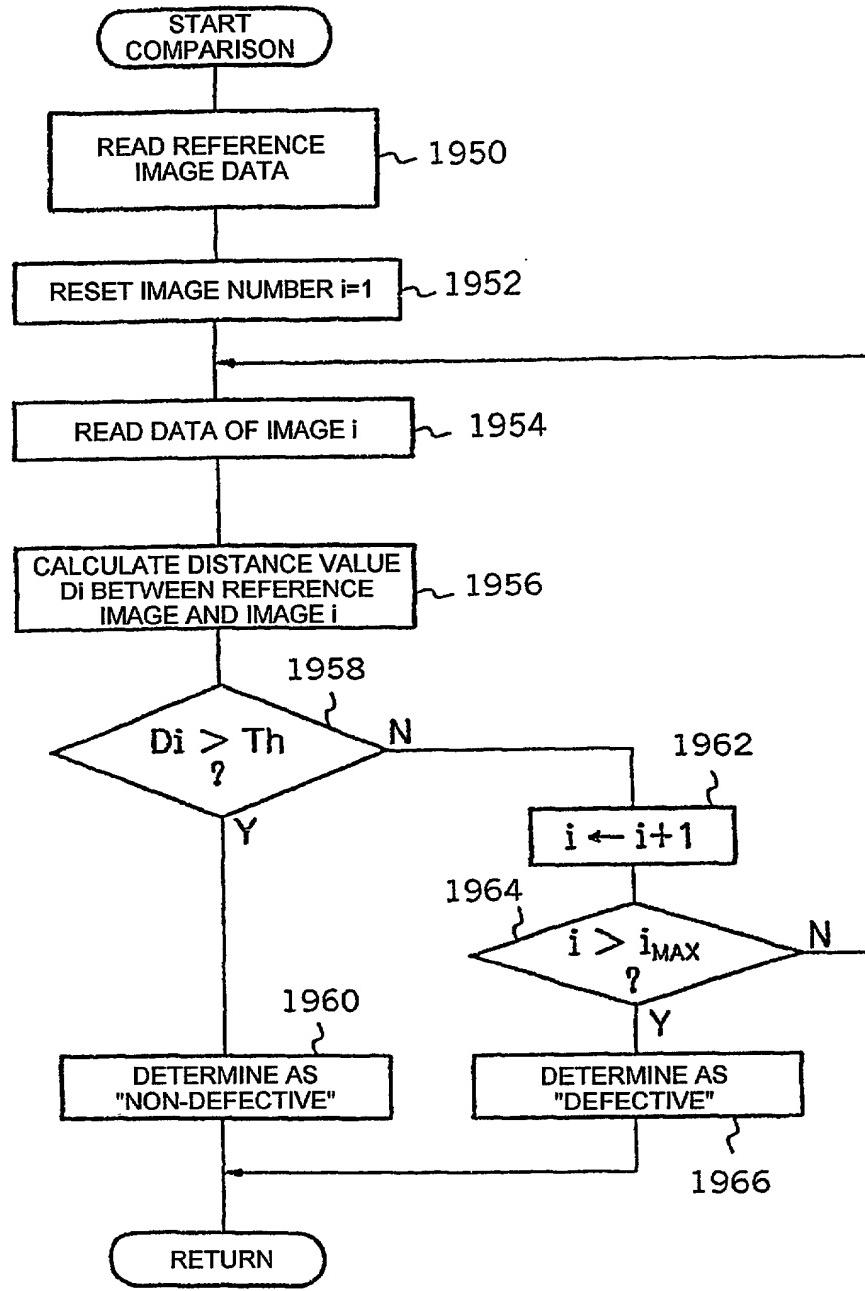


FIG. 54

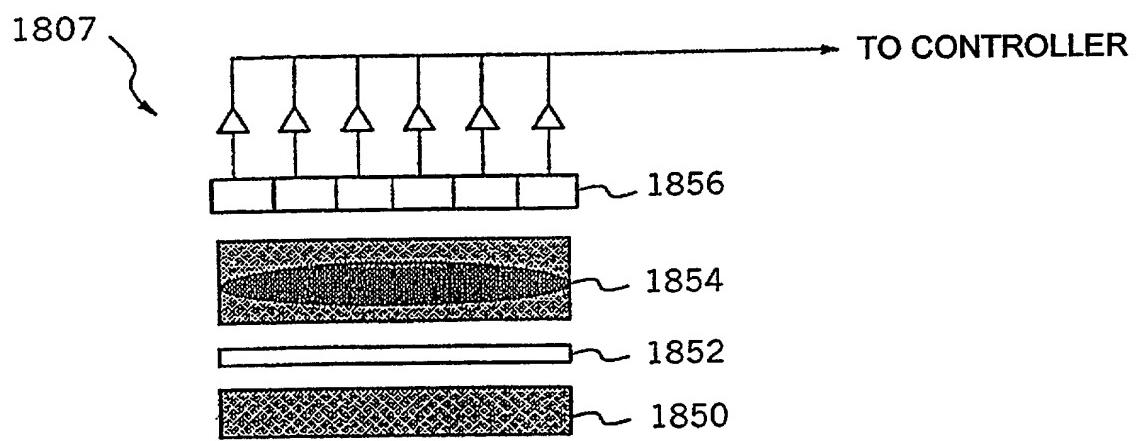


FIG. 55

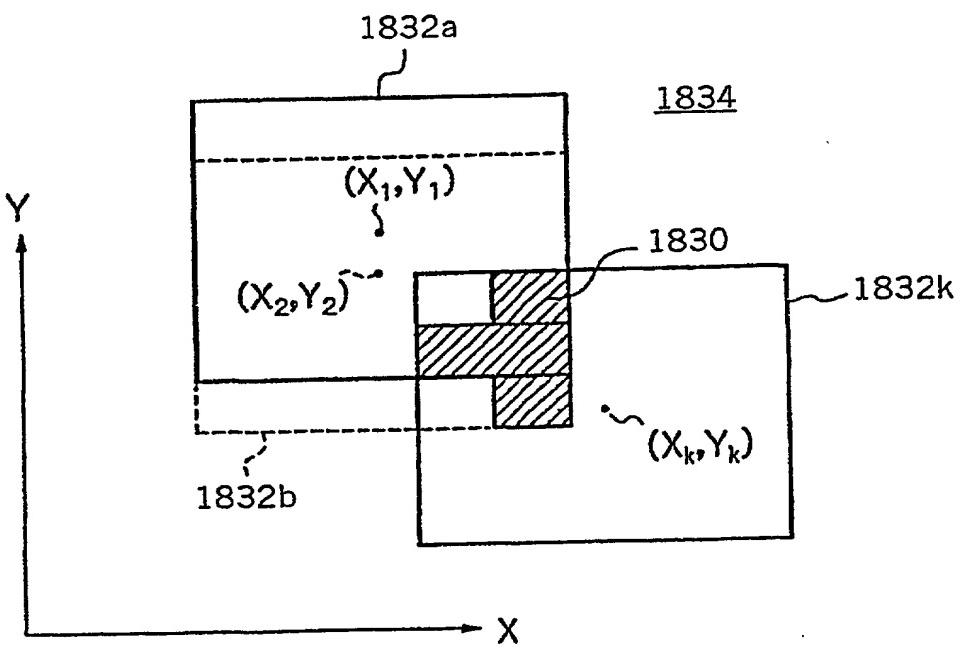


FIG. 56